



ALGORITHMS OF OPPRESSION

Safiya Noble on President's Speakers Series

By Jessenya Guerra

"As today's speaker, Safiya Umoja Noble, writes in her new book, *Algorithms of Oppression: How Search Engines Reinforce Racism*, and I quote, 'We are increasingly being inculturated to the notion that digital technologies, particularly search engines, can give us better information than other human beings can.'

"People will often take complex questions to the web, to a google search, rather than going to the library or taking a class on the subject. The idea is the answer can be found in .3 seconds to questions that have been debated for thousands of years,'" opened California State University, Monterey Bay (CSUMB) President Eduardo Ochoa for Dr. Safiya Noble on Wednesday, Nov. 28 at the World Theater.

Dr. Safiya Noble, an associate professor at UCLA, USC and best-selling novelist, came to CSUMB to address the main topic of her new book, *Algorithms of Oppression*. Noble spoke on key factors that contribute to search engines, specifically Google, reinforcing racial stereotypes. Her speech outlined many examples of how Google searches can lead to racist outcomes based on the algorithms that are embedded in these search engines.

Noble gave many examples of search engines, such as Google, leading people to racist search results or disinformation.



Dr. Safiya Noble and California State University, Monterey Bay President Eduardo Ochoa answering audience questions. Photo by Jessenya Guerra

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Retention rates improving for CSUMB

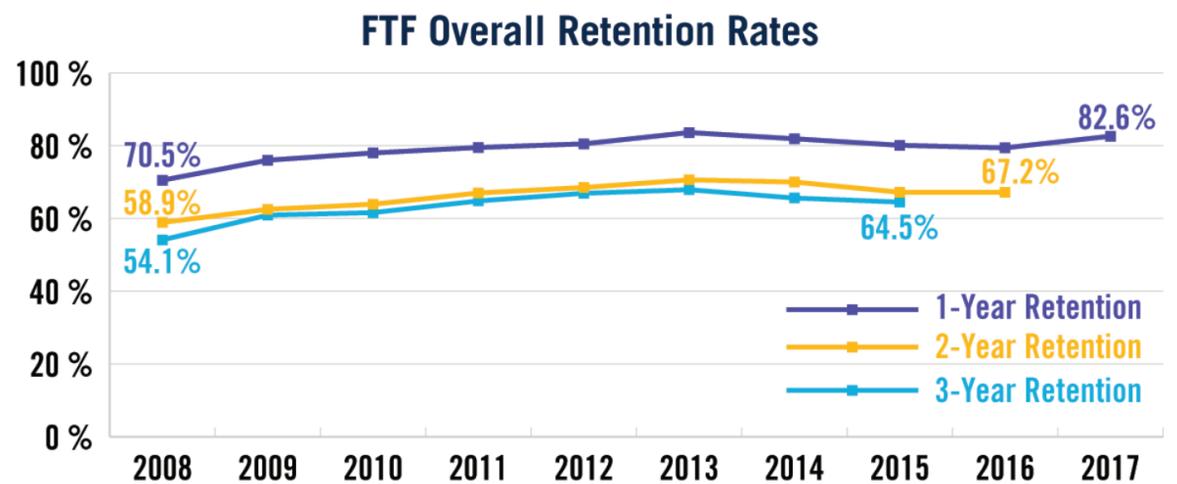
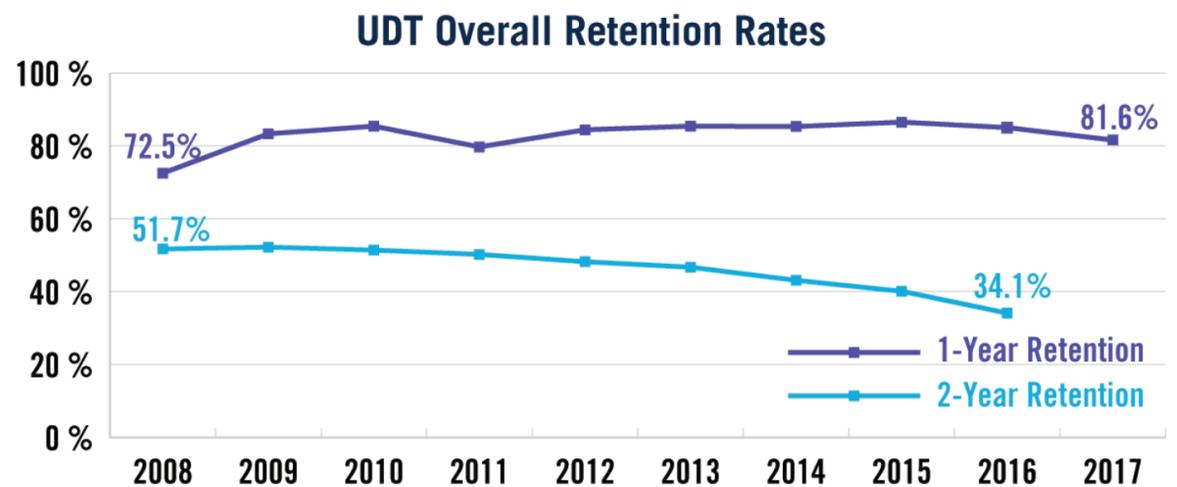
By Hailey Hill

California State University, Monterey Bay's (CSUMB) Institutional Assessment and Research has released its annual report, which covers the retention rates of students attending CSUMB for different periods of time, among other statistics.

Retention rates are statistics concerning the percentage of students who continue to study at CSUMB throughout their college years. The study that was most recently released focused in part on how many first time freshman remained at CSUMB after one, two or three years of attending the university.

Retention rates of first time freshman have increased significantly since 2008. One-year retention has increased from 70.5 percent in 2008 to the current rate of 82.6 percent. Retention for students attending CSUMB for two years rose from 58.9 percent to 67.2 percent and three-year retention has also increased from 54.1 percent to 64.5 percent.

The report also examined retention rates of minority students, both underrepresented and non-underrepresented. First-time freshman minority students saw increases in retention rates as well. One-year retention saw an increase from 70.8 percent to 85.7 percent for underrepresented minorities and an increase from 70.4 percent to 79.8 percent for non-underrepresented minorities. Two-year retention jumped from 60.6 percent to 71.8 percent for the respective groups, and three-year retention rose from 54.2 percent to 65.5 percent and 54.1 percent to 63.4 percent.

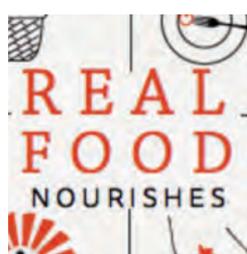


However, not all areas of the report saw improvement. While upper division transfer (UDT) one-year retention rates increased from 72.5 percent to 81.6 percent, two-year retention rates saw a decrease from 51.7 percent to 34.1

percent. The report notes that "declining rates for UDT students are in part a result of increasing two-year cumulative graduation rates for UDT students."

To view the report to its full extent, visit your CSUMB dashboard to see all graphs, statistics and further explanations.

Real Food



How CSUMB is embracing the Real Food challenge

Digital Commons



Research tools available for CSUMB students

Dorm decorating



How to bring festivity to your dorm on a budget

This day in history, Dec. 6

By Ray Kaiser

1704

The Battle of Chamkaur occurred in India where the vastly outnumbered group of Sikh Khalsa soldiers managed to defeat a Mughal army.

1790

The U.S. Congress moved from New York City to Philadelphia.

1877

The Washington Post published its first edition.

1884

Construction on the Washington Monument in Washington, D.C., was completed.

1904

The Monroe Doctrine was unveiled by U.S. President Theodore Roosevelt, stating that the U.S. would intervene in the Western Hemisphere should they deem any Latin American governments incapable or unstable.

1956

A particularly violent water polo match was played between Hungary and the USSR at the Summer Olympics in Melbourne against the backdrop of the Hungarian Revolution of 1956.

1971

The Indo-Pakistani War began when Pakistan severed diplomatic relations with India.

1978

Spain ratified its new constitution.

1998

Hugo Chávez was victorious in the Venezuelan presidential elections.

2006

NASA released photos taken by the Mars Global Surveyor that suggested the presence of liquid water on Mars.

2015

For the first time in 17 years, the United Socialist Party of Venezuela lost its majority in parliament.

Algorithms

Continued from page 1

The first example coming from Google maps during the Obama Administration, where Dr. Noble says when the term “N-word house” would lead people to directions towards the White House. Another example given was discovered, not by Noble but by Twitter user, Kabir Ali. Ali found that when googling the term “three black teenagers,” the Google images that were found were all mugshots of black criminals, whereas the googling of “three white teenagers” led to stock photos of white teenagers modeling with sports equipment.

With little to no response from Google about these search results, Noble explained that these algorithms are, in fact, producing racial stereotypes. “We have more data and technology than ever, and more social, political and economic inequality and injustice to go with it,” said Noble, quoting her novel. Noble explains, in one of her slides, the ‘theoretical frameworks’ behind her research outlining the social construction of technology and black feminist and critical race theory. A few key bullet points read, “Technology is a social construction, embedded with social and political values. Power relations are based on our historical, social, and economic positions.”

In the next portion of her speech, Noble addressed what she called, the Case of Dylann “Storm” Roof. Roof was convicted of murdering nine African Americans in a Charleston Church shooting in 2015. Noble explains how Roof’s decision to murder innocent people came from a result of his Google searches. A manifesto by Roof was found shortly after the shooting, outlining his journey which lead him to murder. “The event that truly awakened me was the Trayvon Martin case. I kept hearing and seeing his name, and eventually decided to look him up. I read the Wikipedia article and right away was unable to understand what the



big deal was. It was obvious Zimmerman was in the right.

“But more importantly this prompted me to type the words ‘black on white crime’ into Google, and I have never been the same since that day. The first website that I came to was the Council of Conservative Citizens...from here I found out about the Jewish problem and other issues facing our race, and I can say today that I am completely racially aware,” read Roof’s manifesto.

Noble explains that the searches readily available to Roof when he searched “black on white crime” were all white supremacist websites disguised to look factual. Roof would have simply needed to search “white on black crime” to get the more realistic picture of crime in the United States.

In response to the lack of change from Google, Noble says, “We see with the intense calls for Facebook and Google, in particular, to be held to account for the crimes of information that move through their systems that this is not going to be an issue that goes away anytime soon. And this is a very important time for us to be thinking about algorithms and automated decision making systems that really are not sophisticated enough to recognize certain types of threats.”

“Often times we find ourselves in meetings, in conferences, with people that say [Artificial Intelligence] AI is going to solve these problems, that AI is going to recognize the threats or the disinformation...in fact, I think we heard that from Mark Zuckerberg in his testimony to Congress a few months ago. And yet, we know that AI is actually still trying to figure out if this podium, is a podium...so I’m not really sure how we’re going to get to these more complex, set decisions from AI, but we’re certainly a long ways away from that,” said Noble.

Flu Shot Correction

In the Nov. 29 issue of *The Lutrinae* we indicated there would be a flu shot clinic on campus on Dec. 12. This is incorrect. The flu shot clinics were held previously in the semester.

Non-traditional warriors

Rarely discussed reality of parenthood at college Opinion

by Carla Wilson

“I saw a student changing her baby on the floor of the library restroom at California State University, Monterey Bay (CSUMB),” Shirley Ramos told me during our reporting class. I had been working on an article focusing on women’s health services on campuses but never considered what it would be like to be a parent on campus, apparently the campus hadn’t either.

Parenthood is a wonderful thing; people talk about it all the time. College is also a great adventure that parents and young adults get very excited about. However, when the two are intertwined, there’s very little conversation about it and a very large amount of stigma. Parenthood during college is not something we talk about as a society. We chat about dorm life, sorority life and life away from home for the first time, but the conversations about raising a child while attending classes are left out; simplified into “difficult” or simply thought of as non-existent. Are students expected to disappear once they have a family of their own? More importantly, should they?

Shirley and I had been noticing there weren’t always tampon and pad trash receptacles in some of the school’s frequently used restrooms. Advocacy and acknowledgement of women’s health seemed to be an issue, even at progressive institutions of higher learning.

While I was walking around campus trying to tally up the lack of tampon and pad dispensers, baby changing tables, and receptacles, I was extremely fatigued from my pregnancy and pulled a muscle in my leg and had to go to the ER. I never finished the count, but the idea of the student having to use the bathroom floor to change their baby stuck in my mind.

That’s when I changed my focus to the challenges faced by students raising children and what resources, if any, exist for them. When I reached out to find

other non-traditional students dealing with the challenges and joys of parenthood while also trying to get a college education, I found a surprising world of superheros and warriors.

Shelby Leal is the mother of a little boy, and currently a junior at CSUMB. She transferred to the college when her son was 13 months old, after getting her Associate’s degree in the summer of 2016. She is also a single parent and uses the school’s affiliated childcare services. She

said that, “There are specific days when the child care facility closes early, and I have had to bring my son to campus with me on these days so I could still attend meetings and/or group project meetings.”

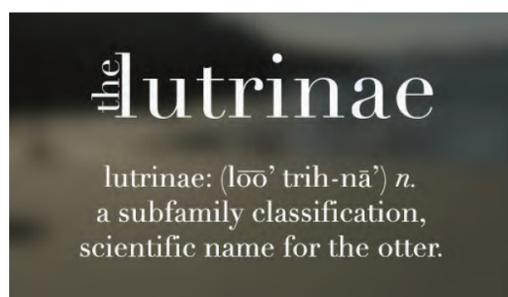
She also said, “I love having my son with me, but he has

endless energy and can be a real handful during these experiences. I try to keep my patience, but I know it can also be very distracting to other students with having a toddler running around, especially when he gets moody.”

Miss Amanda, on the other hand, said that, “teachers [should] be understanding of having children in the classroom within reason. Like, say it’s a night class and it’s mostly older adults and you sit in the back with the kid, and the kid is quiet, I don’t see how that would be an issue.”

Miss Amanda is also a single parent and although she said she didn’t feel that the sliding scale child care arrangements at CSUMB were affordable, she felt it was necessary and better than paying full price. At Monterey Peninsula College (MPC), she received free child care. Miss Amanda, a former MPC and CSUMB student, currently lives in Colorado with her young daughter and hopes to complete her master’s in social work, as well as the one language class she needs to have her BA. When asked if there were any ways that colleges could help their students who are also parents, she said, “I think the main thing is housing, if there was an affordable family housing at every college campus that would be a huge thing.”

This article continues at thelutrinae.com.



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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CAMPUS

Real Food comes to CSUMB

By Yollette Merritt

Real Food is defined as food that truly nourishes everyone: producers, consumers, communities and the earth. The Real Food Campaign was birthed on a Boston college campus in 2007. The Real Food campaign grew into a national movement encouraging students to think about how one can challenge the control of “Big Food” in universities, and re-envision universities as a force for a Real Food future. “The goal is to mobilize young people to redefine real food and build a food system that benefits everyone,” reconfirmed Tlaloc Vasquez, the Real Food Campaign Training and Curriculum Design Coordinator, who joined the Real Food movement in 2015.

The movement aims to shift approximately 20 percent (\$1 billion) of existing U.S. university food budgets away from industrial farms towards Real Food by 2020. Momentum was picked up in California when the Real Food Challenge was included in the California State University Sustainability Policy, approved by the Board of Regents, and encouraged by student advocacy. One outgrowth is the California State Universities’ Food Systems Working Group whose mission is to further food sustainability efforts, new projects and policy recommendations.

The California State Universities’ Food Systems Working Group consists of students, professors, technical experts, dining management staff, producers and administrators from all 23 campuses and respective communities. By signing the Real Food Campus Commitment schools not only commit to buying at least 20 percent Real Food annually by 2020, thereby using their tremendous purchasing power to support a food system that strengthens local economies,

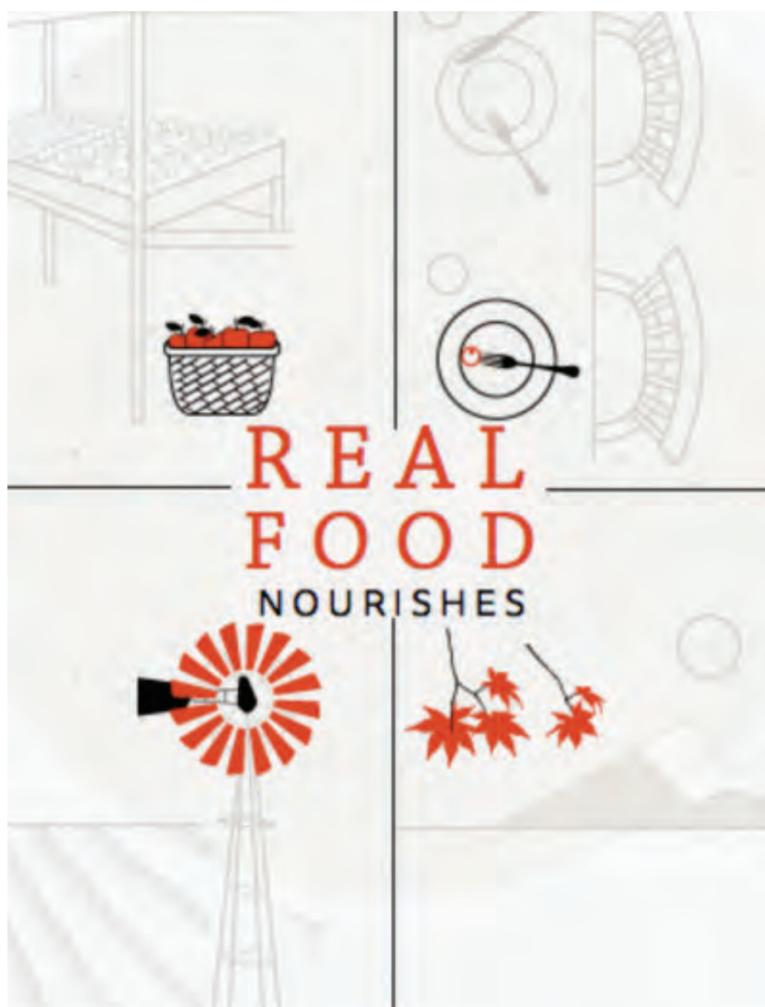


Photo provided by realfoodchallenge.org

but also respect human rights and ensure ecological sustainability. This becomes an obligation for a multi-year action plan and increases awareness about food systems on campus.

California State University, Monterey Bay (CSUMB) is known for addressing

eco-friendly issues but student leadership, according to Vasquez, has made the program more robust. The first CSUMB RFC report was completed by student Stephanie Yee in 2016 as part of her capstone, followed by a 2017 report with the former food service provider, Sodexo, assisted by student employee Rebecca

Pope. The campus-wide initiative was upped a notch this semester when the dining food services hired a student sustainability intern “with a passion for sustainability and building a more sustainable food system and interest in the overall food supply chain, food justice, and food insecurity issues.”

The role of the intern is to work with A’viands’ Sustainability Director - as well as other sustainability officials throughout campus - and focus on the implementation and reporting of RFC progress at CSUMB. “A’viands is working diligently to be the premier food service provider for CSUMB and support the entire campus community every step of the way. From our philanthropic efforts, community events to raise awareness and education, and other programs, A’viands is taking every measure possible to ensure that we are always putting our best foot forward in partnering and sourcing the best, local, and healthy options that are available,” stated Ashley Lin, A’viands Sustainability Director. “Supporting programs like the Real Food Challenge is just one of the ways that A’viands is striving to help build a stronger food system for a better tomorrow.”

“The real food challenge is a very comprehensive way to evaluate the social justice and environmental impacts of our food choices,” said Lacey Raak, CSUMB’s Director of Sustainability, “Food is perhaps the most recognizable intersection of social justice and environmental sustainability. Completing the RFC and making progress towards the 20 percent Real Food goal is an essential part of deconstructing a food system that has been steeped in inequality, inequity, discrimination, pollution in land and water as well as behaviors that are toxic to people and the environment.”

Research and intellectual curiosity at CSUMB

By Yollette Merritt

California State University, Monterey Bay (CSUMB) is the second youngest and second smallest of the 23 member statewide university system, but its research presence and impacts extend well beyond its borders, not only in the United States, but in the world.

The Digital Commons at CSUMB is an important tool that has helped to make that presence possible. The Digital Commons is an electronic repository available to both students and faculty that provides worldwide public access to their academic papers and publications. Real time analysis of usage and downloads is available at digitalcommons.csUMB.edu/.

CSUMB joined the Digital Commons club of about 500 institutions in January 2016 after the appointment of CSUMB’s first Library Dean, Frank Wojcik, who spearheaded the effort and “deserves all the credit,” according to Dean Kris Roney. Implementation of the project was overseen by Ryne Leuzinger, Research and Instruction Librarian, later assisted by John Brady, Digital Resources Support Specialist. “It’s wonderful. It’s fantastic. I love it!” exclaimed Dean Roney, when asked her opinion of CSUMB’S Digital Commons.

“Research and the support of intellectual curiosity is part of the university’s branding, especially for an institution of our size, and the Digital Commons has made a valuable contribution in that effort. One of the things I look forward to at the end of each academic year is reading the Marine Science research documents uploaded to the Commons,” continued Roney.

Some of the benefits of the digital commons for faculty include the following: increased visibility of research; facilitate queries and collaboration outside of academia; improved rankings for articles in Google and Google Scholar; and it provides a one-stop repository of work found in varied journals. “Digital Commons, which serves as our institutional repository, provides a number of unique features including: detailed usage statistics, built-in support for projects involving peer review, and a great deal of flexibility in creating and managing different kinds of collections,” stated Leuzinger.

Benefits for students include access to work by graduates of their program or interest area; a safe repository for work, even after graduation; and a home base to share research (with supported citation) within and outside of academia including future employers.

The following is an interview with the CSUMB representatives of the Digital Commons.



Map of the World showing the distribution of Digital Commons readers.

The Lutrinae: What are the advantages of using Digital Commons?

Digital Commons: When you upload a work to the digital commons, a permanent web address is assigned that can be added to a curriculum vitae, résumé, or portfolio. One can log in to the digital commons site to see how often a work is being viewed, and once a work is uploaded, it’s easy to find in Google, Summon or other search engines.

How many entries and/or submissions do you have in total?

There are approximately 6,800 works.

How many entries and/or submissions are by faculty?

Currently, we have just over a hundred faculty works in the repository, an area we are actively looking to expand. Most are journal articles, but there are books chapters, presentations, and posters represented as well. In addition to the Department Galleries within “Colleges, Departments, and Administrative Units,” there are two other sections that showcase faculty work: “SelectedWorks” and “Faculty-Authored Books.” SelectedWorks is a part of Digital Commons, but it’s different in the sense that it provides faculty the opportunity to present their work through individual profiles, and it offers more flexibility in the types of works that can be posted. The Faculty-Authored Books Gallery, which we just launched recently, showcases books written or edited by CSUMB faculty.

How many submissions are by students?

There are roughly 1,100 capstones and 400 theses in the “Capstone Projects and Master’s Theses” section.

There is also a joint project with UROC staff where students are encouraged to submit their research and presentations. We archive issues of the CSUMB’s Ords Literary Journal, which publishes one issue per semester, as well as CSUMB’s award-winning newspaper The Lutrinae, formerly known as The Otter Realm.

How many California State Universities have a digital commons?

There is a page on the digital commons site with a map that shows all the institutions that use digital commons. Within the CSU system, San Bernardino, San Luis Obispo, San Jose and Humboldt are the only ones besides CSUMB.

What are some of the factors that one should consider in deciding to make use of the digital commons?

Here are a few things that immediately come to mind. Digital Commons provides faculty and students the opportunity to share their scholarly and creative work with the campus community and beyond. Submissions rank high in search results improving the chances of work being discovered. Users have access to analytics on abstract views and download counts. Perhaps most importantly, the library is committed to maintaining and preserving the repository, ensuring that student and faculty work will be accessible well into the future. Although the repository is intended to serve as a permanent archive, students (and faculty) can always request that their work be taken down if they no longer wish to share it publicly. There are two options for sharing: one with limited CSUMB viewing, accessible only on a CSUMB computer; the other is worldwide public viewing.

CAMPUS

Decorate your dorm without breaking the bank

By Kristen Finley

Decorating for the holidays is something a lot of people look forward to after Halloween comes and goes. Now that you're away from home with no one to tell you you can't deck the halls all over your dorm room, spending a lot of money to decorate can end up costing you (no pun intended) a lot more than expected.

The number one rule to budget shopping is this: knowing where to go.

My favorite place to go shopping for decorations is always Target and with the closest one being near campus, it's easily accessible. String lights with over 100 bulbs run just under \$10, and these prices are mirrored at places such as Home Depot or Lowes. Target even offers battery powered lights with 50 bulbs for just under \$6 (which is the perfect size for a dorm bedroom).

Walmart also has competitive prices for indoor decorations, and almost unbeatable prices for artificial trees, pillows, blankets, lights and wreaths. Walmart also has sets of ornaments and ugly sweaters in case an ugly sweater party is in the books.

If you're shooting for poinsettias and don't want to pay the price for the authentic ones, there are artificial bundles that you could save for the future that are very reasonably priced at craft stores such as Michael's, Joann's and the like. They also have low prices for

indoor and outdoor decorations, and different styles of wreaths. You could also buy supplies to make your own ornaments and wreaths.

If you're like me and have toy cars lying around, it's also very easy to make ornaments out of them with some string around the body or one of the tires. Some have even added metal loops to the side, back end or the top of the car for a cleaner look. When done that way, they're very professional looking and add style between all the other ornaments.

In case you haven't heard from the community advisors or RAs, it's a fire hazard to decorate the outside of your dorm. So while it's cute and customary, putting a wreath outside the door is not permitted on campus. However, on your own bedroom door, it's perfectly fine.

Along with decorations outside the dorm, open flames (aka candles) are not allowed in the dorms, either. So if



Homemade car ornament on family's tree. Photo by Eddie on Flickr.

you're wanting to make your dorm smell like cinnamon or pine, buy a plug-in air freshener instead. While it doesn't appeal to the typical holiday aesthetic, it will make you less likely to burn down the building or force everyone out into the cold with a fire alarm (and you won't be breaking the rules).

Staying sane being with your family for a month



Car packed for long term travel. Photo by: Joe Shlabotnik on Flickr.

By Kristen Finley

If you're not part of the group that gets to stay on campus during winter break, you'll most likely be heading home for the month long break. For some, being home that long is a chore, while for others, it may be easier. If you're cringing at the idea of going home for that long, here are some tips to keeping your sanity.

Knowing Your Place

Being away probably brought on a better sense of responsibility and independence. Without parents in your space, you learned to take out the trash, to wish your dishes and what conditions are or not acceptable in your living space. When you get back home, however, it's important to keep in mind that you are now in a place where your levels of acceptance may not be up to par with your family's. It is not unreasonable to ask you to meet their expectations.

If a parent asks you to take out the trash, to not leave your dishes in the sink or to vacuum every now and again, it's not a ridiculous request. As a member of the household and of the family, it's not absurd that you're occasionally asked to help keep the place orderly. Be respectful and reasonable. You only have a short time with them, so be wise about which battles you choose to fight.

After all, college is supposed to make us more functioning and intelligent adults, right? Those moments would be the best time to prove that you're no longer a bratty teenager, but a respectable adult. A little sacrifice goes a long way in the home.

Expect the Unexpected

For those who don't have the luxury of going home almost every weekend, it would be wise to prepare yourself for some sort of surprise. It's rare that people get to be away for extended periods of time and have their home life be exactly the same as when they left.

Someone may have forgotten to inform you that a relative has moved in (maybe even into your old room), or that something you once cherished is now gone or your old room has gotten a drastic makeover. My best friend came home to the Bay Area after being in San Diego for Thanksgiving, only to discover that her old

room was now the family's indoor gym and her "room" took the shape of a pull out couch in the living room.

Before you head home and have your expectations to relax in total comfort are shattered, it'd be wise to call and have a conversation about the current state of things - what the condition of your room is in, where you'd be sleeping (if not your room) and what the plans are for break. If you know what kind of situation you'll be walking into, you'll be better able to prepare.

It's also wise to know that it's not likely that you're the same person you were when you first left for college or the last time you were home. You've learned to be a lot more independent from your family and they've learned to adjust to not having you around. So, it's wise to assume that the dynamic is different from what you're used to.

To compensate, be patient with any new expectations there may be by giving yourself a few days to get to "re-know" your family and how they've changed during your absence. Ask about any changes at work, in their social life and what's been going on in the family that you didn't get to hear over the phone. This helps give you any sort of context as to why they might act a certain way or why they might be doing things differently.

Be sure to fill them in on yourself, as to give them a better understand as to how you have changed as well. The more time you spend getting to learn new habits, opinions and thoughts, the better the experience will be.

Protecting Your Sleep Schedule

While it's a blessing not to have to wake up for class at 7 a.m. to be at a class by 8 a.m., try not to sleep in or go to bed too late. It's beyond tempting to sleep in until noon now that you have no responsibilities and nowhere to be, but it will likely come back to bite you once it's time to head back for the spring semester.

I'm not suggesting to continue to wake up at 7 a.m., but keep your wake-up time reasonable. Trust me, trying to get your sleep schedule sorted out before the next semester is a crippling obstacle in itself. Plus, it would probably prompt comments about laziness or sleeping the day away, and that's not fun for anyone. You will be the winner if you keep to a good sleep schedule.

If you would like to read more about Kristen's tips on staying sane while being home visit thelutrinae.com.

Everyone's Favorite Game: Twenty Questions

Related to my first point, expect to be berated with questions about your life in school. While it may be annoying, try to think of it from a different perspective: their contact with you changed from almost every day and all the time to every once and awhile, and odds are, they're genuinely curious about how you're faring away from home.

There's no doubt that questions about who you're dating, what your grades are, who your friends are or what kind of assignments you have to do are indeed frustrating. However, you are their child, and odds are, they're spending a great deal of money to keep you enrolled and thriving. Give them some details, and save the annoyance and attitude for a time that calls for it. After all, if you someone you loved was gone for a few months at a time, wouldn't you want to know what's going on?

Think about a favorite class, or a subject you're focusing on, that's interesting to you. Discuss your new favorite hobbies, what you do to study, talk about friends you've made and what you like about them; talk about your campus. Show them pictures, keep them engaged. Shutting them off with the typical and tempting quick answers to deflect may hurt someone's feelings and cause them to feel rejected.

Keep in mind, I'm not suggesting to accept or respond to questions that are offensive or abusive in nature. It's always a good idea to have an established sense of boundaries and stick to them. If you're confronted with a sensitive topic you're not ready to talk about, or with a question that's personally offensive or passive aggressive, it's perfectly acceptable to say so and suggest another topic. If no progress is made, it's also acceptable to remove yourself from the scenario altogether. Never tolerate an attempted assassination of your character.

Be Sure to Pencil in Your Family, Too.

Going home can sometimes mean being reunited with friends you haven't seen for a long while. It's exciting and it's a great time to spend rekindling bonds stretched by distance, but it's important to find a balance between them and your family. Your family is extending their place for you to stay in while you're not in class, and it's guaranteed they've missed you - so don't leave them out of your newly found free time.

Schedule time for yourself, as well. You only have a little over a month to spend with quite a bit of people, but it's essential to your survival that you have at least one day per week where you get to relax and be alone (if that's how you recharge, of course). Don't stretch yourself too thin. You deserve to actually have time off to yourself while you're on vacation, after all.

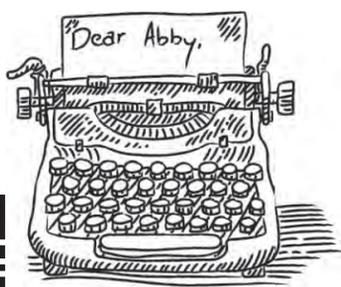
COLUMNS

Dear Abby,

Dear Abby,
I live in East Campus and my roommate is graduating early, this means that over winter break, a new person - who I don't know - will be moving into our apartment. Unfortunately, I'll be on vacation over break and have no idea when, or who, is moving in. Do you have any suggestions?
Thank you,
Busy Over Break

Dear Busy Over Break,
Yikes! That sounds like quite the ordeal. Let me just start with, it's totally okay to get a new roommate. I know that sometimes it is scary to get a new roommate, especially when you don't have the time to get to know them ahead of move in. However, I suggest that you make the best of it and start off on the right foot! If you are worried about not being able to get in contact with your roommate before they move in, don't be afraid to leave them a note with your contact information, and a short message. It is a nice sentiment and can make a great first impression in your honor. I wish you the best of luck, have a great break!

-Dearest Abby
If you would like to submit a question for Abby, please email thelutrinae@csumb.edu



Music Maven

Upcoming concerts

By Jenna Ethridge

After an exciting year of new releases from popular artists, several are touring the Bay Area throughout the final month of 2018 and into January to kick off 2019 right!

Beach Fossils and Wavves

Beach Fossils and Wavves are performing at The Catalyst in Santa Cruz on Dec. 11, as well as at The Fillmore in San Francisco on Dec. 12-13. Both bands released albums last year - "You're Welcome" by Wavves on May 19 and "Somersault" by Beach Fossils on June 2. Grateful Shred will also be performing in Santa Cruz at The Catalyst on Dec. 21.

Shannon and the Clams

On Dec. 31, Shannon and the Clams are performing in their hometown of Oakland at The New Parish to celebrate the new year. Their latest album, "Onion," was released earlier this year on Feb. 16. The Chapel in San Francisco is hosting The Mattson 2 on Jan. 10. Despite their debut - and only album thus far - being released in 2011, the duo recently released an EP, "Play 'A Love Supreme'," on Aug. 17.

Toro Y Moi

Toro Y Moi is performing with Wet in San Francisco at The Fillmore on Jan. 15-16. His upcoming album, "Outer Peace," is scheduled to be released on Jan. 18. Remember Sports is touring their latest album, "Slow Buzz," at the Bottom of the Hill in San Francisco on Jan. 17.

Dick Stusso and Sonny & the Sunsets

On Jan. 18, Dick Stusso and Sonny & the Sunsets are performing in San Francisco at The Independent. Stusso's latest album, "In Heaven," was released on March 2 of this year. Sonny & the Sunsets haven't released an album since 2016's "Moods Baby Moods" - possibly due to frontman, Sonny Smith's, active pursuit of his solo project - with "Rod for Your Love" also being released on March 2.

Snail Mail

Snail Mail is performing at The Fillmore in San Francisco on Jan. 24. Their most recent album, "Lush," was released on June 8.

Tickets for all of the shows mentioned are available on Ticketmaster, Stubhub and the artists' websites.

Carticle

How your speed affects stopping distance



A perfect example of tailgating. Ironically, this was taken in California. Courtesy of Ingenie: Young Driver's Guide.

By Kristen Finley

Tailgaters: whether we've done it ourselves or had it done to us, there's not a single driver on the road who hasn't had the misfortune of dealing with them. We're encouraged as drivers by law to not engage, but little is explained as to why it's so important to yourself, your passengers and the people in front of you.

Not only is tailgating very annoying as the person being followed closely, it's incredibly dangerous to everyone involved. We tend to think that being in a secure hunk of metal keeps us safe - and while that's true, people who tailgate are missing a crucial piece in their logic: stopping distance and how it's negatively affected by speed.

The faster a car is going, the more space a car needs to stop and speed isn't the only contributor, either. If it's rainy, hot, snowy or cold, it will affect the amount of time, space and just how effective your car will be able to come to a full stop. More factors to figure in are road conditions - whether or not the road is smooth, bumpy or if you're going uphill or downhill.

Even with the anti-lock brake systems (ABS) now standard by law on all cars made after 2013 (thankfully, most manufactures were making them standard long before then), the likeliness of stopping completely, efficiently and effectively still decrease when conditions aren't perfect. Given the general road conditions in California, they're rarely optimal.

Here's a very difficult equation simplified by the National Association of City Transportation Officials (NACTO): the three most important factors in stopping distance are driver reaction time (which can change, depending on age and energy levels), road conditions and speed. If a car is going 60 miles per hour (mph) and with the average reaction time being around 1.5 seconds, it would take the car approximately 6.87 seconds (at ~88 feet per second) after traveling 304.28 feet to come to a complete stop. Which, when put into perspective, is slightly longer than the length of a football field.

NACTO provided a chart on its website displaying these figures: at 70 mph, the stopping distance goes up to 388 feet for a complete stop. At 80 mph, it leaps to 481 feet. At 85 mph, it's 532 feet. So, realistically, an extra 5 mph over the speed limit is 84 feet of stopping distance, which is why it's a good to have a distance of about five car-lengths between you and the person in front of you. It's worth noting that trucks, vans and SUVs typically weigh 2.5 tons (5,000 pounds) or more. Therefore, the stopping distance is longer and slower for these vehicles. With a car that heavy following closely, they'll do a lot more damage to the vehicle in front of them than a sedan would, even at 65 mph.

Think of it this way: If a car is following behind you at 5-10 feet at the typical 65-75 mph, they wouldn't be able to stop in time in such a short distance - instead, they'd plow right into the back of your car. With as much momentum that a heavy car would have at that speed, the likeliness of the damages being fatal increase with how close and quickly they're following behind.

Fall 2018 Capstone Festival

Thursday, December 20

Business/Hospitality

9A.M. – 5P.M. (Hospitality will present from 1P.M. – 2P.M.)
Joel and Dena Gambord Business and Information Technology Building, Rooms 104 & 110

School of Natural Sciences

9A.M. – 3P.M.
Tanimura & Antle Family Memorial Library, Room 1188

Cinematic Arts & Technology

6P.M. – 10P.M.
World Theater

Social, Behavioral & Global Studies

8A.M. – 1P.M.
University Center, Living Room

Humanities & Communication

2P.M. – 4P.M.
University Center, Ballroom

Music & Performing Arts

10A.M. – Noon
Music Hall, Room 100

Psychology

8:30A.M. – 1P.M.
Heron Hall

Friday, December 21

Liberal Studies

9A.M. - 1P.M.
Tanimura & Antle Family Memorial Library, Rooms 1128, 1167, 1170, 1173, 1176, 1180 & 1188

School of Computing & Design

9A.M. – Noon
Joel and Dena Gambord Business and Information Technology Building, Room 104

Word Search

With winter quickly approaching, this week's word search focuses on the qualities and associations of the festive season. Be sure to grab your winter coat and mittens. Monterey winters can get pretty cold!

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

- Boots
- Coat
- Fireplace
- Holidays
- Hot Chocolate
- Icicles
- Mistletoe
- Mittens
- Scarf
- Sledding
- Snow
- Snow Angels
- Snowboarding
- Snowman
- Sweater

Sudoku

	5		9					
				6	2			
9		2			4		6	
					8	2		
4	9							
		8		3				6
6	7	3	5					
	2				7	4	5	
			8					

Solved puzzles

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

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