First North American Occurrence of Rare Hoodwinker Sunfish Discovered on TV, Beach

Jacqueline Wen
Science & Tech Editor

Holy mole, a shocking, exciting discovery at the Santa Barbara beaches sent the scientific and non-scientific community abuzz.

The hoodwinker sunfish (Mola mola) was found at UC Santa Barbara’s Coal Oil Point Reserve, was alerted by an intern that the striped fish had appeared at Sand’s Beach. The general assumption was that it was likely an ocean sunfish (Mola mola), the only sunfish species that frequents the reserve’s waters.

When Nielsen posted the news on the reserve’s Facebook page, Thomas Turner, an associate professor of marine biology, oceanography, ecology, and Marine Biology Department, decided to check out the sunfish up close. With his binoculars, he watched the marine mammal.

He took pictures of the unusual-looking fish and uploaded them to the iNaturalist, a citizen science site which relies on crowdsourcing to identify wildlife. The hoodwinker has some diagnostic features they needed to positively identify it as a hoodwinker.

The sure way to tell the different Mola species apart is to check the back flap, or clavus, where a normal fish’s tail is, Nyegaard explained. The hoodwinker has a distinct clavus, with a strip of smooth skin dividing the clavus into an upper and lower part. Additionally, the Mola tecta has a low number of bony structures called ossicles on the clavus, different scale structures and a smaller size.

“As Marianne commented, the fish seemed determined not to give up its ID,” Foster said. “It was therefore extremely reluctant to identify itself as a hoodwinker, and kept thinking it was being hoodwinked by this cheeky Californian fish,” Nyegaard continued. “There are three species of Mola, and they all lock discerningly similar in that they all resemble exterior-space alien fish modelled over a supersized pancake with wings.”

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“The way to tell if they were successful was nerve-wracking but when the photos finally came through and the ID was beyond doubt, frustration turned to elation,” Foster said.

Foster immediately contacted his collaborator, Nyegaard of Murdoch University in Australia, to inform her of the sighting. Ralph Foster, an ichthyologist at the South Australian Museum, saw Turner’s photos in iNaturalist.

“I was extremely surprised to find that the observation came from California and not New Zealand or Australia where previous records have originated,” Foster wrote in an email.

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“I was therefore extremely reluctant to identify it as a hoodwinker and kept thinking it was being hoodwinked by this cheeky Californian fish,” Nyegaard continued. “There are three species of Mola, and they all lock discerningly similar in that they all resemble exterior-space alien fish modelled over a supersized pancake with wings.”

The next day at low tide, he and Nielsen started at Campus Point and Coal Oil Point, respectively, and converged. Sure enough, they found the missing fish, now at an inland lagoon beach. They took tissue samples and better-quality pictures of the mystery sunfish, which then allowed Nyegaard and Foster to definitively confirm it as a hoodwinker sunfish.

“The whole episode is testament to the power of citizen science and what the connectedness of the world allows you to do,” Foster said. “To be able to rapidly arrange for the specimen, from halfway round the world, and have them reported back in real time is fantastic. Without this ability the fish would have likely been missed.”

For now, Nyegaard will be using the tissue samples to compare the Californian hoodwinker to New Zealand hoodwinkers. With any luck, they may reveal the species’ population structures, including where and when it spawns, and if gene flow exists across the regions where it is known to occur regularly (Southeast Australia, New Zealand, South Africa, Chile and Peru).

Nyegaard, Foster and Turner all said they’ll be keeping a keen eye on iNaturalist after this thrilling encounter.

“The whole episode is testament to the power of citizen science and what the connectedness of the world allows you to do,” Foster said. “To be able to rapidly arrange for the specimen, from halfway round the world, and have them reported back in real time is fantastic. Without this ability the fish would have likely been missed.”

Nyegaard said, “It was really quite surreal – exactly 24 hours after being alerted to the existence of this fish, we had a solid ID from an iNaturalist collaboration between California, Australia and New Zealand. All thanks to iNaturalist and people’s passion for the natural world and zest for adventure!”

Multiple BSU Demands Fulfilled

Soňa Mejias Pascoe
Asst. News Editor

Last October marked 50 years since the Black Student Union at UC Santa Barbara demanded the university take action to support the success of the Black student community.

Tuesday marks the fulfillment of some of Black Student Union’s (BSU) primary goals in its demands from all throughout the years: the creation of an Office of Black Student Development at UCSB and a space on campus dedicated to Black students.

Chancellor Henry T. Yang sent a message to the BSU Demands Team yesterday, promising funding for BSU’s eight proposed positions within the office, $55,000 annually for BSU programs and that the university would “work toward the vision of a Center for Black Student Development over the next several years,” according to the message.

The proposals were part of the most recent set of demands BSU released to the university in February, but built upon 50 years of efforts from previous generations of BSU students.

For BSU President Mariah Lewis and BSU Demands Team leader Samantha Sanchez, seeing the fulfillment of these demands was a moment for the two to pause from their efforts and celebrate.

“I cried for about a two and a half hours,” Sanchez said.

The commitment to create an office to push the Black student community by fulfilling these demands speaks to a greater awareness of Black students and their needs as a student community on campus, Lewis said.

“It was a good feeling to say to them to know the administration is pushing for an office to bring better support of Black students on campus,” she added.

Yang said BSU’s demands represent a vital aspect of the university’s commitments, which include “creating a culture of belonging and inclusive excellence in which all of its students, faculty, staff, and guests...are treated with dignity and respect.”

In an email to Black student groups and community leaders, Chancellor Margaret Klawunn promised that $55,000 annually for BSU administrators in its support of Black students, noting that these commitments are a symbol of courage as well as progress toward equity.

“Despite subtle progress over the years, there is much additional work to be done. Challenges still persist for Black students on campus in terms of access to resources, support, and belonging,” Klawunn wrote.

The university, she added, is “working toward the development of an Office of Black Student Development to be housed in the Division of Student Affairs.”

The positions within the office include a director, an assistant director, two academic support counselors, a recruitment and retention specialist, a coordinator of Black student life and two advocacy counselors. The budget for the positions totals $490,000, and $55,000 annually for BSU administrators in its support of Black students, noting that these commitments are a symbol of courage as well as progress toward equity.

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Alzheimer's doesn't have to be your brain's destiny, says Harvard-trained neuroscientist and bestselling author Lisa Genova. She will share the latest science investigating the disease and promising research on what each of us can do to build an Alzheimer's-resistant brain. Dedicated to demystifying neurological disorders, Genova has penned the New York Times bestselling memoir Still Alice (now a major motion picture starring Julianne Moore), Left Neglected, Love Anthony, and her latest, Every Note Played.

Contact Us

SOLUTION TO FRIDAY’S PUZZLE

Complete the grid so each row and column, and 3-by-3 box (in bold borders) contains every digit, 1 to 9. For strategies on how to solve Sudoku, visit www.sudoku.org.uk

ACROSS
1 Relpuish power
15 Major influence in music, e.g.
17 Is subjected to a series of attacks
18 Disturb
19 Even though
20 Be off
21 Like Walter Mitty
22 Spinal column?
23 __-dieu
24 Base address
25 To the point
26 "In bad company,"
27 __-dieu
28 No mere joy
29 "Breakfast at Tiffany's" star
30 Brightly colored silica
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32 No mere joy
33 Antarctic expedition vehicles
34 Keep from
35 Suggest
36 An atomic shell
37 "Catfish" oddity
38 "Reddish" wader
39 Goal
40 Sullied
41 Worn-down jewelry?
43 One of Mowgli's mentors in "The Jungle Book"
44 Page 5, say,
45 Suggest
46 Dance named for one of our nation's founding fathers
47 Member of an old school year.
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DOWN
1 "Finge" co.
2 Sultanate on the South China Sea
3 Many dates involve one
4 4 Words of consolation
5 Irving or Norman, e.g.
6 Silent butler contents
7 It can be exciting
8 Round numbers
9 It'll knock you out
10 Philatelist's purchase
11 Steinway extension?
12 Banking aids
13 Worn-down jewelry?
14 Beaks and clamps, say
15 Three out on the basepaths, in baseball lingo
16 Throw out on the basepaths, in baseball lingo
17 "Out of character"
18 Disturb
19 Even though
20 "In bad company,"
21 Fringe's co.
22 Spinal column?
23 __-dieu
24 Base address
25 To the point
26 "In bad company,"
27 __-dieu
28 No mere joy
29 "Breakfast at Tiffany's" star
30 Brightly colored silica
31 __-dieu
32 No mere joy
33 Antarctic expedition vehicles
34 Keep from
35 Suggest
36 An atomic shell
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44 Page 5, say,
45 Suggest
46 Dance named for one of our nation's founding fathers
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48 Mideast pearl
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A.S. Book Bank Gains New Exposure

Katherine Swartz
Staff Writer

Students may pay up to hundreds of dollars a quarter for required textbooks, even renting textbooks from the campus bookstore or online adds up. The Associated Students (A.S.) Book Bank is a student-run service that addresses this problem, offering thousands of textbooks — in all subjects — to lease for the entire quarter.

The Book Bank, located in the Annex across from Studio Tower, is in its fourth year of operation. The problem it faces, however, is one of awareness. Of the 3,000 books in the collection this quarter, only 97 were checked out. As a result of the independent study course, Barber and Lee started implementing their ideas to improve the Book Bank at the beginning of the quarter.

"At the end of the quarter [Barber and Lee] asked to meet with me to tell us what they were doing," Katherine Jordan, fourth-year Director of the A.S. Book Bank, said.

The Book Bank’s marketing plan is a collaborative process between Barber, Lee and Jordan. The most pressing and regularly needed item among their plans:

"Pretty much everything Jonathan and I do, we ask her what she needs, and she gives us ideas of what we can do. One of the main things she said she needed was marketing, and so that’s kind of the main thing Jonathan and I have done," Barber said.

Their strategy for the Book Bank was to increase awareness of the program and make it convenient for students to use.

"To do so, Lee said she and Barber had created a new website for the program. "I post on Facebook and she posts on Instagram, and we have 100+ followers on Instagram and 341+ likes on our Facebook. Apparently people show up at the Book Bank asking about the Annex now," Lee said. "The front desk person was like talking about how there are so many people that come by, and seeing an increase in that was really cool for us to see."

The Book Bank created an app update so that the entire catalog is online. Students can search by title or ISBN number and the website will show whether the textbook is available or checked out. Students can then go to the Book Bank to fill a book out and pick up their textbook for the quarter.

"There are plans to expand the website in the future so students can check out books for their courses," Barber said.

"One of the things we’re working on, which we haven’t figured out yet, is making the website look more like the book completions online. Right now, we’re kind of working with the website and figuring out how to do that," Barber said.

Another major project of Barber and Lee’s marketing campaigns is to promote further growth of the Book Bank through book donations. The Book Bank will hold a book drive during finals week, where students can donate used textbooks.

"The book drive is vital to the Book Bank’s growth because of limits on where the Book Bank can purchase books. The Book Bank isn’t allowed to purchase books from the Five & For Sale Facebook marketplace, because every single purchase made requires a receipt. The books acquired have to be through donations or through purchasing books and actually receiving a receipt at legitimate websites or the publishers in general," Lee said.

"There will be three drop-off points for the Book Drive at the Multicultural Center, the Student Resource Building, and the Pardall Center in Isla Vista and at the Book Bank. A lot of textbooks end up just sitting on people’s shelves or they get thrown away or they get sold for like 99 cents. That’s not doing anything to help anyone. So if you’re just really helpful to donate your textbooks to a good cause and help future students like you save money." Barber added.

The Book Bank’s expansion in the future includes plans to depart from the Student Initiated Recruitment and Retention Committee (SIRRC) and become an independent entity.

"SIRRC has been a great supporter and one of the main reasons the Book Bank has stayed alive for this long," Jordan said. "As I started to work on improvements and future plans for the A.S. Book Bank, I realized that we were outgrowing SIRRC and was ready to become a fully independent entity."

"With the Book Bank being its own, there are no restrictions on projects, as well as more money being focused purely on the Book Bank projects and improvements to provide the best resources for students." As a result of the independent study course, Barber and Lee were unaware of the Book Bank, they knew partnering with the Book Bank, they knew partnering with the Social Marketing (COMM 168) course in Fall Quarter, where students created projects to resolve problems in the community.

"So my group in particular wanted to help reduce the cost of textbooks for students, just because a lot of students already have a lot of financial burden in their lives," Barber said.

"It’s really different from other things that already exist," Jordan said. "Barber and Lee sent surveys to around 80 students while creating their proposal, and only one student mentioned the Book Bank by name. Barber and Lee were unaware of the Book Bank before they began this project.

"I literally knew nothing about the Book Bank," Lee said. "I didn’t even know where the Annex was. That’s another thing, we recognized that not a lot of people knew where the Annex was." As a result of the independent study course, Barber and Lee took Professor Walid Afifi’s Social Marketing (COMM 168) course in Fall Quarter, where students created projects to resolve problems in the community.

"Professor Afifi said, "I post on Facebook and she posts on Instagram, and we have 100+ followers on Instagram and 341+ likes on our Facebook. Apparently people show up at the Book Bank asking about the Annex now," Lee said. "The front desk person was like talking about how there are so many people that come by, and seeing an increase in that was really cool for us to see."

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Barbershop Debut Sparks New Buzz in Isla Vista

Max Abrams
Asst. News Editor

To Richie “The Barber” Ramirez, Isla Vista is more than sun rays and beach days. It is a place of opportunity.

Ramirez, who is the current owner of the Montecito-based barbershop, Richie’s Barber Shop, recently celebrated the grand opening of his second location in IV. The shop, located at 669 Pardall Rd., debuts on Thursday and is both the newest and only barbershop in IV.

Before making the decision to open a second shop in IV, Ramirez took a grassroots style approach to best figure out the location of his second shop, asking students in the community about their thoughts on having a barbershop in IV.

“When I came out here, there was no barbershop, so it was like, ‘Geesh, where are these kids going for a haircut?’ So I started talking to kids, asking them where they get their haircut and [I found out that] a lot of them wait to go back home to get their haircut because there’s nowhere to go, and they don’t trust anybody,” Ramirez said.

While the lack of barber shops may have posed an inconvenience to residents in the past, Ramirez believes his new shop in IV will remedy these problems by offering a prime location in IV as well as a unique customer experience.

For $25, many shops offer quality haircuts, but not many offer a quality experience, which Ramirez finds to be a defining characteristic in successful barbershops.

To accompany the debut of his new shop, Ramirez opted to include a pool table, multiple flat-screen TVs, back massages and refreshments for patrons—all of which he is confident will contribute to the “experience” of coming to his barbershop.

“Getting a haircut, you shouldn't have to be like, ‘Oh, I have to get a haircut.’ You should be stoked to get a haircut. You get to come, hang out, get here an hour early, watch the game,” he said.

“It’s more than a barbershop. It’s an experience, and that’s what we’re providing.”

Among other ideas, Ramirez plans to make use of the large white walls surrounding the inside of the shop, flirting with the idea of featuring student-generated art.

Despite the amenities, Ramirez’s idea of the barbershop “experience” did not occur to him overnight.

Before he began working as a barber, Ramirez used to frequent barbershops as often as once a week, where he was attracted to its overall atmosphere and ambiance.

“I was the type of guy, back then, who’d get a haircut once a week because I liked going to the barbershop. I liked hanging out, I liked talking with the boys and watching the games,” he said.

With multiple shops of his own, Ramirez aims to replicate the same qualities that initially attracted him to become a regular at barbershops he frequented before he began cutting hair.

After cutting hair in high school, Ramirez decided to pursue a career in the barbering field.

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After cutting hair in high school, Ramirez decided to pursue a career in the barbering field.

“Barbers used to frequent barbershop ‘experience’ did not occur to him overnight. Ramirez devised a plan to work around the flooding by setting up a pop-up shop in the back room of a wine store.

“We were out of work and the village was shut down, so we did a pop-up shop over at Jamie Stone Wines. We had this little space in the back where we put up four chairs, people came in and got their haircuts — it was just a cool thing for the community to come together and help everybody out.

For businesses such as Ramirez’s, mudslides can have a devastating impact on revenue, keeping customers away and making barbers unable to reach the shop.

However, the pop-up shop helped Ramirez appreciate the power of community, something he hopes to carry with him to his new location.

“Once you put a barber shop in, you become a hub of the town,” he said. “We like to integrate ourselves into the community, we like to do things, have events, after-hour events.”

“We need to do as much as possible — this shop is for the students.”

Barber Richie Ramirez hopes to alleviate the student struggle of finding a good, cheap haircut closely with his new shop located on Pardall. Ramirez wants to provide a good experience as well as a good cut.
Four new organizations have expressed interest in the empty space in the University Center, the spot that previously housed Kaplan until October 2018. The University of California Police Department (UCPD) was the first and only organization to express interest in the space as of December 2018. Now, Bagel Café, Mojo Teahouse, the Isla Vista Trading Post and UC Senate Camera Alona Karmes-Wainer have reached out to Mayor Lawrence, University President Donald Trump's announcement of an executive order requiring colleges and universities to support free speech if they want federal research dollars, according to the statement.

“The university,” according to the statement, “believes in the Constitution and the rule of law. We believe in the First Amendment right and we believe in religious liberty,” he added.

The University of California Office of the President’s (UCOP) statement cited the UC as being the home of the free speech movement in the 1960s, along with the fact that UC campuses have hosted conservative speakers including Ben Shapiro, Dennis Prager and Dinesh D’Souza.

The UC has also established a National Center for Free Speech and Civil Engagement, which is “dedicated to exploring issues and challenges related to free expression through research, advocacy, debate and discussion,” according to the statement.

UC President Janet Napolitano said the university has hosted conservative speakers and is “willing to go to shut down the discourse.”

As a political group, we have the right to speak our minds, but we must do so in a respectful manner, she added.

Although President Trump spoke of his intent to issue the executive order, it is unclear when he will officially issue the executive order.

Lawrence said HDAE would be in the vacant UCen space for approximately two to four months, but that he didn’t anticipate their occupancy having any effect on future rentals.

HDAE is currently paying the standard rate while it uses the space. Kaplan paid $4,420 per month to rent the space.

Isla Vista Trading Post co-president Julia Rose added.

“Isla Vista Trading Post to keep more donations as well as create a special event for as long as we said we would because we just haven’t had anything to give out,” she added.

Lawrence said HDAE would be in the vacant UCen space.

“UCP has been working with the campus community in non-enforcement contacts,” UCUP Chief of Police Dustin Olson said in December.

One of the difficulties in filling the space is that it does not have a kitchen, but instead a classroom, which may rule out food-based businesses.

MOJO TEAHOUSE
Mojo Teahouse owner Boxi Wang said that if Mojo Teahouse was selected for the space, they would only serve drinks. The location in Isla Vista serves drinks as an additional food items such as popcorn chicken.

“I'm not making any comments at this time,” he said.

On Monday, the University of California Office of the President released a statement deeming President Donald Trump's announcement of an executive order regarding free speech as both “misguided and unnecessary.”

Trump’s potential executive order would mandate that “colleges allow free speech on their campuses or lose critical federal research funding,” according to the statement.

“UC already has clear policies and procedures in place that protect anyone’s right to peacefully protest or speak on our campuses,” the statement said.

On Saturday, March 2, President Trump spoke at the Conservative Political Action Conference, where he discussed the executive order.

“I will be very soon signing an executive order requiring colleges and universities to support free speech if they want federal research dollars,” President Trump said at the Conservative Political Action Conference.

“Everyone’s restoring common sense and the timeless values that unite us all. We believe in the Constitution and the rule of law. We believe in the First Amendment right and we believe in religious liberty,” he added.

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The statement also referred to an incident when a representative of a conservative group was assaulted at UC Berkeley, adding “that ‘the university acted swiftly.’”

“The campus released a statement strongly condemning the incident and expressing support for the police department’s efforts to bring the perpetrators to justice,” the statement said.

“Chancellor Carol Christ also sent a campus-wide message reaffirming UC Berkeley’s commitment to freedom of expression.”

UC President Janet Napolitano said the UC “does not need the federal government to mandate free speech on college campuses,” as it is already mandated.

“Free speech is a fundamental value of the University of California and we already have strong policies in place that protect the free expression of ideas, regardless of political persuasion,” Napolitano said.

“Protecting free expression has been part of the University of California’s DNA for decades.”

College Republicans President Leslie Garcia, however, has differing views.

Garcia said that Trump’s proposed executive order is an “incredible idea.”

Garcia, a fourth-year political science and Middle East studies double major, added that in the time she’s been at UCSB, “colleges conservatively have seen how far campus administrators and more left-leaning people are willing to go to shut down the discourse.”

Garcia referenced when Ben Shapiro came to UCSB, and said that although there was a “leftist outcry” against Ben Shapiro, “the event was still funded and successful.”

However, UC Berkeley had not been so lucky due to leftist groups enacting violence in a quest to shut down free speech, she added.

Although President Trump spoke of his intent to issue the executive order, it is unclear when he will officially issue the executive order.

The Santa Barbara County Sheriff’s Office has advised roadblocks will may be placed in Isla Vista beginning at 4pm on Friday, 4/5/19 through 6am on 4/8/19. The roadblocks will prevent vehicle access to Del Playa, Sabado, and Trigo roads, from 6500 through the mid 6800 blocks. Other affected areas include the 6500 block of El Nido, Camino Del Sur between Del Playa & Trigo, Camino Pescadero between Del Playa & Trigo, El Embarcadero between Del Playa & the loop, and Camino Majorca between Del Playa and Pasado. Trigo Road residents living in the 6500 block will need to relocate their vehicles parked on the street. Signs will be posted notifying residents (SB80 805-561-4179).
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of Legal Code, as Salari was not living amongst her on Feb. 26, citing her violation of the eligibility portion

External Vice President for Statewide Affairs (EVPSA)

bathrooms and collaborate with Lobby Corps and the

non-S.T.E.M. major.

majors, 38 percent completed a degree as a biological sci-

enrolled as declared pre-biology majors in Fall 2011 and 2012

or abandon S.T.E.M. majors entirely.

nings, a common occurrence has been noted regarding the

libraries or institutions

research conducted by

students expressed frustration with the difficulty of prereq-

and the number of those which had managed to complete

sors were at best overburdened and at worst outright

Whitehead said in an email.

they're not interested in studying chem in the first place, or

rigorous and require strong academic engagement, many

students expressed frustration with the difficulty of prereq-

suitable classes, as well as an initial lack of emphasis on biology

people who could afford, and libraries or institutions who could afford, to purchase subscriptions.”

UC's past contract with Elsevier set them back $51 million per year, according to Antelman.

UCSBI librarian Kristin

Although a consensus from students is relatively easy to

experts have never been helpful to me.”

organized with Educational Opportunity

and Eduardo Gonzalez, two lecturers in the MCDB depart-

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UCSB Aims To Upset Davis in Regular Season Finale

Brandon Victor
Staff Writer

Riding its first win streak of the season, the UCSB women’s basketball team will look to finish its season on a high-note when they travel to face UC Davis on Saturday.

With its 64-44 victory over UC Riverside this past weekend, the Gauchos clinched a spot in the Big West Tournament - something that looked almost impossible at the beginning of conference play. If Santa Barbara can knock off the Aggies, they could finish as high as seventh in the conference, depending on Long Beach’s results during the week.

Getting a positive result against top-dog UC Davis will be no walk in the park, however. After losing the second game of conference play, the Aggies have won 11 straight games in conference play en-route to their 13-1 conference record. Impressively, every single one of those wins have been by double-digits, including their 79-68 thrashing of UCSC at the Thunderdome.

UCSB’s recent success has been predicated on their lockdown defense; in both games last week, the Gauchos held their opponents to fewer than 50 points. In the previous meeting between Davis and UCSB, the Gauchos held the Aggies to a measly 34 percent shooting, also forcing 14 turnovers.

In the Riverside game, the duo of Coco and Danae Miller - with their best games of the season - contributed to the Gauchos’ success. In the previous meeting between Davis and UCSB, the duo combined for only 10 points and four assists in a loss. This season, the Miller sisters have combined for 132 points and 107 assists, with Danae Miller leading the nation in assists per game.

While no one else has the individual excellence of Bertsch, Davis’ floor general has been consistent in his play. In the previous meeting between Davis and UCSB, the duo combined for 34 points, 13 assists and only three turnovers, as well as chipping in five steals on the defensive end. Conversely, in the previous meeting between Davis and UCSB, the duo combined for only 13 points and three assists in a loss.

As has been the case all season, Davis’ offense starts and ends with senior star Morgan Bertuch, who currently ranks sixth in the entire conference in 25.9 points per game. With smooth livestream in the post and a silky jump shot that opponents are forced to respect, Bertuch has consistently been the top player in the conference all season.

In the first matchup between these sides, Bertuch dropped in 27 points on an efficient 10-18 performance from the floor, also adding 12 rebounds for good measure.

Head Coach Bonnie Henrickson tried different matchups against Bertuch throughout the game, but no one could successfully slow her down. It will be interesting to see how Henrickson handles Bertuch this time around; known for her basketball acumen and ability to make adjustments, Henrickson may opt to double Bertuch and keep the ball out of her hands completely this time around.

While no one else has the individual impact that Bertuch does, Davis has a wide array of freshners who have proven to be efficient scorers this season. With her deft handles and smart decision-making, point guard Kourtney Eaton has successfully orchestrated the offense all season. Despite averaging only 20 minutes per game, forward Nina Bessolo averages 9.3 points per game, with Bessolo often able to exploit the space cleared by Bertuch on the offensive end.

Given the individual excellence of Bertuch and the weapons around her, it’s a near impossible task to completely stop Davis on defense.

If the Gauchos are to have a chance against the Aggies, they need to improve their efficiency and finishing on the offensive end.

Despite their recent success, Santa Barbara is only averaging 55 points per game in their last four games; for comparison’s sake, the Aggies haven’t scored below 60 points in any conference game this season. In that first matchup against Davis, UCSB shot only 24 percent from the floor, only hitting four of their 23 attempted three-pointers for the game.

That number will need to rise dramatically if Santa Barbara wants to pull off the biggest upset of Big West play.

With a spot in the postseason already clinched, there is certainly less pressure on UCSB in what should be a difficult game. Still, a good performance on Saturday would do wonders for the Gauchos’ confidence heading into the conference tournament.

UCSB will take on UC Davis on Saturday at 2:30 p.m. at the Pavilion.
Against UC Davis, UC Riverside and Hawaii. CSUN has since gone back-to-back-to-back with a trio of wins and Long Beach State all trail closely behind by only a single conference record of 10-5.

Gauchos beat at their home but lost to at the Thunderdome remain unsecure. Following last week's play, UC Irvine have their time here at Santa Barbara. Players alike applauded the seniors' contributions throughout Thursday. UCSB was looking to do the double over Long Green rivalry is in store as the team travels north to Cal Poly face off against CSUN. Next, another installment of the Blue-Green of the 2019 campaign as it boasts a 10-3 overall mark and is an excellent 7-2 currently boasting an 8-2 overall mark after winning their sixth straight game when they beat Pepperdine 5-3 on March 1, Ben Brecht, the junior southpaw who allowed just one run on two hits in 6.1 innings five hits, two walks with just 26 base on balls.

The important thing though, UCSB still won 6-1. This win over Cal Poly. As for UCSB, while its offense has hit a bit of a hiccup, it still is dominating. As a team, the Gauchos prepare for their last Big West doubleheader and as it stands, the Gauchos hold an overall record of 19-9 as it boasts a 10-3 overall mark and is an excellent .433 win percentage, but they'll still be hungry to move up the conference ladder come game time. The Matadors still hold an overall record of 19-9 on the season, a .433 win percentage, but they'll still be hungry to move up the conference ladder come game time. The important thing though, UCSB still won 6-1. This win over Cal Poly.

As the major driving force of Cal Poly's offensive production, Fields's total of 451 points and 109 assists leads the team. Senior infielder Trevor Jensen bats .386 with a team-high six doubles. This will be the 115th time the Gauchos have faced their first true three-game road series of the 2019 campaign as it stands, the Gauchos have mustered just 3.5 runs per contest. The important thing though, UCSB still won all three of its games thanks to some great pitching performances. Against USC on Tuesday, Feb. 26, sophomore Jack Dashwood was absolutely outstanding. The San Diego native took a no-hitter into the seventh inning and struck out a career-high 10 batters while earning the win in a 3-2 victory over the Trojans.

Overall, Dashwood allowed just one run on two hits. His K's were also the most by a Gauchos pitcher in his first start of the season. On March 1, Ben Brecht, the junior southpaw who allowed just one run on two hits in 6.1 innings five hits, two walks with just 26 base on balls.

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UCSB’s high-ranking College of Engineering is allegedly rampant with bootcut jeans and Skechers – and everyone is nothing, according to a recent statistical study. Anyone Who’s Ever Been On That Side of Campus (AWEBTSC).

Reports came after a student accidentally took the wrong roundabout exit and ended up by Engineering II.

“This was one of the most common stories I’ve heard about our students,” second-year math major Aimee Rodriguez said. “Never have I thought that the phenomenon of climaxing after seeing oversize jeans and bulky tennis shoes on engineers is normal, even for years. (Engineers) can’t help but court this very heavy, heated, sexual energy that emits from the tatters of their jeans and the air holes of their Skechers,” orgasm expert Jordan Ridder said.

“Yeah, I was taking a mental health day on Friday, so I just texted my Dance 45 professor, and told them I wasn’t feeling good vibrations that day and they let me reschedule the midterm for next week.”

“Everyone there was wearing 90s dad jeans and gray Skechers. They were also wearing those diagonal backpacks that sling across your body,” second-year math major Anne Rodriguez said. “Never have I thought that the phenomenon of climaxing after seeing oversize jeans and bulky tennis shoes on engineers is normal, even for years. (Engineers) can’t help but court this very heavy, heated, sexual energy that emits from the tatters of their jeans and the air holes of their Skechers,” orgasm expert Jordan Ridder said.

“I am actually quite pleased with this result,” Cruz remarked with a bootcut and Skechers. We’re gonna work for startups.
When Misogyny Masquerades as Entertainment: Looking at Today’s Rap Artists

When I first heard Chance the Rapper’s Acid Rap, I was a large fanbase – ones that even include large fanbases – ones that even include large fanbases – ones that even include men and women are molding a new era of rap, such as my most beloved musicians. I was a large fanbase – ones that even include large fanbases – ones that even include large fanbases – ones that even include large fanbases – ones that even include large fanbases – ones that even include large fanbases – ones that even include large fanbases – ones that even include women and men. I was a large fanbase – ones that even include large fanbases – ones that even include large fanbases – ones that even include large fanbases – ones that even include large fanbases – ones that even include...
A Recipe For Success: Buddha Bowls Unveils a New Breakfast Menu

Tiffany Velazquez
On The Menu Co-Editor

From the Mac Daddy to the New England Clam Chowder, Buddha Bowls has been serving their bread bowl creations to the community of Isla Vista since 2014. Offering both readily-prepared and build your own options, Buddha Bowls has decided to take the next natural step in their flavor journey by unveiling a breakfast menu.

We reached out to the owner, Daniel Dunietz, after hearing about the new changes on Facebook, and he was kind enough to invite us to come in and try the food out. I stopped with a friend on Friday morning during the menu’s inaugural week, whereupon Dan greeted us kindly. Preparing everything himself, Dan offered us one of everything on the breakfast menu to give us the full scope of things — bypassing the Breakfast Bowl so as not to overpower us with food right off the bat.

We got started with the Avocado Toast, which was a step up from your run-of-the-mill toast with the addition of tomatoes, feta cheese and balsamic vinegar. While not normally a fan of avocado toast, I found the latter two ingredients really delivered that wow factor and gave it that extra burst of flavor. The bread itself held up well under the weight of the numerous wet ingredients and, all in all, we devoured it just a few bites.

Our next dish was the Bacon, Egg & Cheese Sandwich, featuring the added bonus of sausage, which would have otherwise cost extra. A savory and hearty bite, the sandwich was definitely a contender for our favorite. Well worth your buck, it’s a big one and requires the use of both hands to truly get a grip on it. Jam packed with both ingredients and flavor, the drizzle of pesto sauce helped it to stand out and easily beat the competition.

Arriving before the sandwich was even completed were the Hash Browns. The were loaded with cheese and bacon — another added bonus — and perfectly crisp. They had that highly desirable cheese pull when sinking our forks in. This was, unfortunately, the only dish we were unable to complete, as we opted to save room for dessert. The shining star of the day was, without a doubt, the Cinnamon Kush. A deeply spiritual experience, it somehow managed to be perfectly soft and fluffy without getting soggy. Composed of french toast with warm, gooey cinnamon icing and powdered sugar, it was the main event and I’m happy we saved it.

As we finished up our food, Dan came over to sit with us and discuss his thoughts on how things seemed to be shaping up during the menu’s first week. Happy to hear just how much we had enjoyed everything, he expressed how satisfied he was with the recent turn out. A little slow going at first, the arrival of the weekend appeared to be bringing in the morning rush. Curious as to what had brought about the addition of breakfast, Dan told us the idea had actually been essentially three years in the making. Having tried to incorporate breakfast during the restaurant’s sophomore year, the menu items did not succeed as expected, and in fact, many customers actually seemed unaware that breakfast options were being offered at all.

Dan has more hope for this go around, as he’s remaining very involved and hands-on while the cooks get the hang of things. His only worry is the Cinnamon Kush, the only item that would not be able to be offered outside of the breakfast hours of 7 to 11 a.m., as the grill is overflowing with savory meats during that time for their traditional menu. After talking it over, we played with the idea of potentially serving it again after the day’s dinner rush as a late night munchies option.

So the next time you’re craving Buddha Bowls, make sure you take the time to swing by in the morning. Don’t be afraid to give your taste palette a change and try their Cinnamon Kush. Enjoy a little something sweet because whatever they’re doing here, they should never stop!
A Study of Love: UCSB Researcher Examines Altruism in Couples

Jacqueline Wen
Science Editor

Within the Coral Triangle in the Indo-Pacific region exists the world’s greatest richness of marine species, including seven species of territorial damselfish. Also found here is the smallest scale of spatial partitioning recorded for these species, with just one or two meters separating some populations. How, scientists wondered, do species of fish cohabitate the same coral reefs without directly competing?

At Kimbe Bay, Papua New Guinea, in the Coral Triangle, researchers used stable isotope analysis to study the damselfish diet. What an animal eats gets incorporated into its tissues. By tracking specific molecules found in potential food sources and detecting them in tissues, the scientists were able to infer the diet of these fish. Rather than getting a ‘snapshot’ of [the damselfish’s] diet by looking at its stomach content, you get a long-term picture of what the animal consumes on a regular basis because the food is incorporated into the animals’ tissue,” Jacob Eurich, a UC Santa Barbara postdoctoral researcher and the lead author of the paper, said in an email.

Species must consider various significant factors including food sources and level of competition when it comes to their survival. Limited resources such as habitat or food prompt animals to adapt and carve out niches. Trophic partitioning, the sharing of food resources to minimize competition, occurs commonly among most species. The researchers found that fierce competition from neighboring damselfish species forced populations to adopt this adaptation. An animal can’t spend all of its time and energy fighting a neighbor,” Eurich explained. “Instead, animals can reduce competition by using a different resource. In this study we showed some of the species switched diets to reduce competition.”

The results of this study, “Stable isotope analysis reveals trophic diversity and partitioning in territorial damselfish on a low-latitude coral reef,” published in Marine Biology, changed the researchers’ knowledge of these fish. As algae-farmers, these damselfish species were thought to have reef-based diets until Eurich and colleagues found evidence of two species feeding in mixed water columns. This indicated pelagic, or open-sea, feeders. Using stable isotope analysis, they discovered that those damselfish species fed on microscopic zooplankton. They also observed an inter-specific competitive group, feeding on both algae and zooplankton.

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This opportunistic feeding – when the fish’s preferred food sources may not be available for various reasons including competitors – established a context of how damselfish can readily acclimate to changing conditions. Researchers can explain why damselfishes flourish and proliferate while climate change and coral habitat loss causes the die-off of most species. In fact, their high success in survival has earned them the title of ‘winners of coral bleaching.”

Eurich and his team’s research revealed that different damselfish populations at Kimbe Bay, Papua New Guinea, are able to cohabitate the same coral reefs through sharing food resources and switching diets to reduce competition. “Baby fish, or larvae, float around in open ocean until they are big enough to settle onto a coral reef. In most cases the habitat they settle on is the habitat that is successful (individuals that settle on bad habitats likely will not make it) and where they will spend most of their life. These species share habitat at an even more fine resolution and complement this with trophic partitioning – or using different food sources,” Eurich said.

Eurich and his colleagues hope to continue exploring territorial damselfish ecology in areas such as the Caribbean and Great Barrier Reef, to see whether behavior changes by region. “The study here shows how many of these species may exist in the future. It is important to look at competition and coexistence of species that may be the most abundant on future reefs.” Based on these new observations of diet and habitat factors, the study recommends re-categorization of damselfish. “It is common to generalize what animals are doing, especially when considering, ‘Is it a predator or a consumer?’” Eurich noted. “However, now, more than ever, we need to remember that species that look the same may not be doing the same thing.”

Within the Coral Triangle in the Indo-Pacific region exists the world’s greatest richness of marine species, including seven species of territorial damselfish. Also found here is the smallest scale of spatial partitioning recorded for these species, with just one or two meters separating some populations. How, scientists wondered, do species of fish cohabitate the same coral reefs without directly competing?

The answer lays in utilizing different food sources. At Kimbe Bay, Papua New Guinea, in the Coral Triangle, researchers used stable isotope analysis to study the damselfish diet. What an animal eats gets incorporated into its tissues. By tracking specific molecules found in potential food sources and detecting them in tissues, the scientists were able to infer the diet of these fish. Rather than getting a ‘snapshot’ of [the damselfish’s] diet by looking at its stomach content, you get a long-term picture of what the animal consumes on a regular basis because the food is incorporated into the animals’ tissue,” Jacob Eurich, a UC Santa Barbara postdoctoral researcher and the lead author of the paper, said in an email.

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This research revealed that there are key chemical differences in the way a person reacts to an altruistic situation with their partner, as opposed to one with a stranger.

As Acevedo explained, “Some of the key patterns of activation were not shown to strangers, but were shown towards the partner.” While certain responses were common between both groups, as with the activation of the amygdala, a region of the brain connected to emotional processing, the differences in brain activity were vital to note. “One area that showed robust activation in response to partner emotional situations was the ventral pallidum. The ventral pallidum is an area that is important for pair bonding and attachment processes. We did not see activation there for strangers, but did for pairs.”

This research is significant, as it helps us to better understand the complex and fascinating ways in which our brains function, allowing us to understand ourselves better than ever before. We continue to learn that everything we feel has some neural basis, and, by discovering these pathways, we can understand our brains in ways we’d never thought possible.

Specifically, Acevedo believes, “It is important that this attachment system is showing response in areas related to attachment for altruism, or what could be construed as a caregiving system.” We are learning more and more about how evolution has lead to a compulsion to protect our loved ones and pass on our genes. As research on the subject progresses, findings show that this process is heavily ingrained in our brain systems.

In the future, Acevedo’s research will explore “studies of empathy in couples who may have a sick partner,” as well as “research on the neural and genetic basis of sensory processing sensitivity.” She continues to work on learning about how our genes, chemicals and neurons create the traits and emotions we all have.

With work like this, we hope to further understand and dissect those areas of the brain that truly make us who we are.
The American healthcare system is dense jungle tried and true, and getting a prescription for the injectable medication turned out to be borderline impossible.

In Internet Explorer, I feel myself dipping academically, and I have to consciously choose whether or not to produce my optimal standard of work or open myself to the possibility of side effects.

Healthcare in College is a Total Headache

Christine Kim / Daily Nexus

The pain was blinding and seemingly came out of nowhere. The throbbing began in my right temple, which no amount of massage or pressure could dull. Immediately, the pain exploded into my eyeball like a piece of shale. I was eight years old and thought I was doing the right thing.

The treatment for migraines for the majority of your life, dealing with constant pain is just a part of daily life. If someone had told me 12 years ago that today I would be experiencing the same pain on a regular basis due to improper medication, I never imagined it would be as disorienting and uncomfortable. Usually, the migraines that I got on a weekly basis were tolerable, but recently, I have had migraines that have been unrelenting and with noticeable discomfort. However, more severe, migraines have made it so that at times I am on the verge of vomiting.

The treatment for migraines is a drug named propranolol, and getting a prescription for the injectable medication turned out to be borderline impossible.

"You aren't a good candidate for this drug," my neurologist told me, as he handed me a prescription for an injectable drug called Topinam. Instead.

You haven't tried enough medicines for your insurance company to cover this one, which essentially meant that if I wanted the injection I would have to pay $400 out of pocket every month...just to potentially feel ok.

I broke down and sought seemingly endless trial and error after trial and error after trial and error with a medication that is so clearly not the answer for me. I resigned myself to physical pain and chemical cocktails, hoping that the side effects wouldn't be all-consuming.

The fear of side effects didn't emerge from nowhere; it had happened before and was pointed out to me again. During my freshman year of college, I switched brands of birth control from a standard 21-days-on/seven-days-off cycle to one that increased my hormone levels every week—due to managing to make my periods even worse and exacerbating my already-existing depression.

I lost the first two quarters of my second year in a tailspin. Crying fits would spring up out of nowhere and an increasingly volatile relationship with the person I had considered my best friend was making it all the worse. It took until spring break to admit to myself that what had once been all potential on a side effect side had turned into an autonomous beast, encompassing my entire existence.

The trigger for this episode with Prozac was ideal.

On the first sunny day, a few weeks into spring quarter, I found myself imbued with a newfound appreciation for life and sat on the lawn for over an hour basking in my gratitude. My friend was making it all the worse. It took until spring break to admit to myself that what had once been all potential on a side effect side had turned into an autonomous beast, encompassing my entire existence.

Standing on the beach, listening to the gentle, soothing chatter of the ocean I was reflecting on how I had been living my life. I had let my friend make my life miserable, and I had let my anxiety take over my life. I had let my fear control my life.

Experiencing medical crises or medication-induced side effects can be traumatic. It can feel overwhelming, and sometimes it seems like there is nowhere to turn. We are all in this together, and I hope that this story can help others who are going through similar experiences.

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The pain was blinding and seemingly came out of nowhere. The throbbing began in my right temple, which no amount of massage or pressure could dull. Immediately, the pain exploded into my eyeball like a piece of shale. I was eight years old and thought I was doing the right thing.

The treatment for migraines for the majority of your life, dealing with constant pain is just a part of daily life. If someone had told me 12 years ago that today I would be experiencing the same pain on a regular basis due to improper medication, I never imagined it would be as disorienting and uncomfortable. Usually, the migraines that I got on a weekly basis were tolerable, but recently, I have had migraines that have been unrelenting and with noticeable discomfort. However, more severe, migraines have made it so that at times I am on the verge of vomiting.

The treatment for migraines is a drug named propranolol, and getting a prescription for the injectable medication turned out to be borderline impossible.

"You aren't a good candidate for this drug," my neurologist told me, as he handed me a prescription for an injectable drug called Topinam. Instead.

You haven't tried enough medicines for your insurance company to cover this one, which essentially meant that if I wanted the injection I would have to pay $400 out of pocket every month...just to potentially feel ok.

I broke down and sought seemingly endless trial and error after trial and error after trial and error with a medication that is so clearly not the answer for me. I resigned myself to physical pain and chemical cocktails, hoping that the side effects wouldn't be all-consuming.

The fear of side effects didn't emerge from nowhere; it had happened before and was pointed out to me again. During my freshman year of college, I switched brands of birth control from a standard 21-days-on/seven-days-off cycle to one that increased my hormone levels every week—due to managing to make my periods even worse and exacerbating my already-existing depression.

I lost the first two quarters of my second year in a tailspin. Crying fits would spring up out of nowhere and an increasingly volatile relationship with the person I had considered my best friend was making it all the worse. It took until spring break to admit to myself that what had once been all potential on a side effect side had turned into an autonomous beast, encompassing my entire existence.

Standing on the beach, listening to the gentle, soothing chatter of the ocean I was reflecting on how I had been living my life. I had let my friend make my life miserable, and I had let my anxiety take over my life. I had let my fear control my life.

Experiencing medical crises or medication-induced side effects can be traumatic. It can feel overwhelming, and sometimes it seems like there is nowhere to turn. We are all in this together, and I hope that this story can help others who are going through similar experiences.