

Cal Maritime

WINTER 2020

THE MAGAZINE OF CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY

A Day to Remember

**Cal Maritime
pulls together
in the face of fire**



From the President



PRESIDENT THOMAS A. CROPPER

Companies and organizations employing Cal Maritime graduates often tell me how our alumni appear to be “ready for anything” when they arrive at their new jobs. *Laborare Pugnare Parati Sumus*, the Latin motto of the Academy translates as “to work, to fight, we are ready.”

More than 200 cadets, staff, and faculty received a true “trial by fire” of their readiness on the morning of October 27, when high winds blew a wildfire onto a campus that had no electrical power, forcing a swift evacuation as the flames destroyed trees, vehicles, and a building before ultimately being contained.

Alongside the hundreds of first responders who quickly arrived to battle the blaze on the ground and from the air, Cal Maritime cadets and staff leapt into action, protecting our campus and our training ship and assisting hundreds of others with the evacuation.

To no one’s surprise, in the face of extreme adversity and risk, the campus community rose to the challenge. Our Academy is designed to educate, train and develop leaders. As I said at our first formation following the fire, leaders run towards problems, not away from them. When you reach that problem, it may be one you’ve never encountered, rehearsed, or thought through. And this is when your values take over – you can’t make values up on the fly, and they will quickly emerge as you make critical decisions. That’s how life unfolds and, for maritime professionals, it means we’d better have our values figured out, because there is no time to ponder them when you’re in the heat of the moment. This is why I am incredibly proud of our cadets — all of them — and especially those who you’ll read about in this issue.

Among the lessons we learned or relearned in the crucible of fire were to be visible; be composed; be vocal; and be resilient. These four lessons were epitomized in the sweat, the grit, the values, and the servant-leadership that emerged on Sunday, October 27, 2019. It was a day to remember.

On behalf of everyone who loves this Academy, I want to express my utmost gratitude and pride for the quick action taken by everyone involved to protect our shipmates and our campus. Keelhauler Strong!

Sincerely,

A handwritten signature in blue ink, appearing to read "TAC", written in a cursive style.

Thomas A. Cropper
President

WINTER 2020

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ON THE COVER

THIRTEEN INDIVIDUALS WERE ABOARD THE TRAINING SHIP *GOLDEN BEAR* WHEN FIRE STRUCK CAMPUS ON OCTOBER 27. THESE INDIVIDUALS RECEIVED A COMMENDATION FROM MARAD FOR THEIR QUICK ACTION TO PROTECT THE CAMPUS AND SHIP. (L-R) AUSTIN EILERING, ALEX DASIGAN, ADRIAN GOLDFARB, CHIEF ENGINEER JOHN COYLE, ANELA DONACHIE, CHIEF MATE JOHN FINCH, AND SAM KRAUS. (NOT PICTURED: 2ND ASSISTANT ENGINEER BRYCE LEWIS, SAM KRAUS, LAP VO, JEROLD MCNULTY, TIERNAN FACKLER, DAVID KRESGE, DANELY AMAYA, ANELA DONACHIE).



JEROLD MCNULTY AND SAM KRAUS—TWO OF THE 13 INDIVIDUALS RECOGNIZED FOR THEIR ACTIONS IN THE GLEN COVE FIRE. SEE COVER STORY ON PAGE 2.



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High Winds Sweep Fire onto Campus, Everyone Evacuated Safely

ABC7 KGO TV

A fire borne of unusually high winds swept onto the Cal Maritime campus on Sunday, October 27, leading to a successful evacuation and a campus closure that resulted in seven days of canceled classes.

Thanks to the quick response of the Vallejo Fire Department and other first responders — including Cal Maritime cadets and staff — damage to the Academy was contained to an area around the parking lot on a hill at the east edge of campus near the Carquinez Bridge. A maintenance building, storage containers, vehicles, equipment and many trees were among the losses. Power remained out for much of campus until October 31.

Because of a planned PG&E power outage, only about 200 of the Academy's approximately 975 cadets were on the campus at the time of the fire.

In the moments that fire struck and in the days after, many stories of bravery, generosity, and resilience emerged. These are just a few of those stories.

When the wildfire leapt I-80 near the Carquinez Bridge, 10 cadets and three officers were on watch aboard the *Golden Bear*.

"It is my firm belief that the actions taken by the ten cadets on watch, under the direction of three of her officers that day, not only kept the ship safe but just may have contributed in large measure to saving the campus from further damage, possibly even complete destruction," says Captain Sam Pecota.

The thirteen individuals aboard the ship that day were Chief Engineer John Coyle, Chief Mate John Finch, 2nd Assistant Engineer Bryce Lewis, Sam Kraus, Austin Eilering, Adrian Goldfarb, Lap Vo, Jerold McNulty, Tiernan Fackler, David Kresge, Danelly Amaya, Anela Donachie, and Alex Dasigan.

"[They] represent the finest example of what it means to be a mariner and epitomize the very best of our profession," said Pecota. I have no doubt the training [they] received at Cal Maritime, whether it was last month or forty years ago, prepared [them] to meet the challenges with which [they] were so suddenly and unexpectedly confronted."

The 10 cadets and three officers were also recognized by the U.S. Maritime Administration (MARAD) for their quick actions and important work in the fire.

"The Glen Cove Fire had all of the ingredients needed to destroy the Cal Maritime campus. Windy conditions, combustible fuel sources, and geography called for a diverse emergency response. Quite frankly, it may be a miracle that anything is still standing, based on what I saw. There is something about a crisis situation that brings out the best and the worst in people. I saw the best display of the 'fighting spirit' from all who were on scene.

I witnessed students' orderly evacuation of the very dangerous area. I saw staff exercising discipline, as they helped others who needed assistance. I watched law enforcement first responders



CAL MARITIME BEFORE THE FIRE.
PHOTO BY ANTHONY SCOPAZZI.

from our Cal Maritime Police Department and the City of Vallejo Police Department work professionally, seamlessly, and in unison to get people out of the danger zones. Additionally, I observed my firefighting colleagues from Vallejo Fire, Cal Fire, and a multiplicity of fire first responders stand the line and knock down a fire that visually appeared out of control. In fact, no one was exempt from mission action as I watched President Cropper not only evacuate his own family from the scene, but also stay behind to direct an evacuation of McCallister Hall.

As the mission progressed, a local television reporter flagged me down and excitedly said that she heard the story of Cadets on the Training Ship *Golden Bear* fighting the fire near the port area. She went on and on with statements of amazement and said that she wanted to interview them. I stated to her that ‘of course a Cadet would take action...that is what Cadets do!’”

— Donny Gordon, Cal Maritime Police Chief

“On the morning of the fire I was scheduled to be on the Senior MPM watch. When I arrived to supervise the changeover, I quickly realized that the relievers who were scheduled did not show up. This meant I was now tasked with sitting in the box and ensuring the protocol of watchstanding was met. At approximately 0830, the heater and the radio that was charging in the watch box shut off informing me that the power had gone out. I had noticed a cloud of smoke starting to appear as well as the smell of something burning after the winds had kicked up. I assumed the winds were moving soot and ash from the other fires in the area. I kept looking towards the quarter deck to see if there was anything I could gather from their reactions, and they seemed to be just as puzzled as I had been.

Another cadet came out of the office and we were talking about the cloud of smoke, when we saw that the ship was being evacuated. When the ship was evacuated, we were met with a public safety officer who seemed to know just about as much as we did. There is a fine line between when things were calm and then when there was panic. To try and paint the picture of what I experienced would be roughly 30 students in the boat basin, with about four RHOs a public safety officer makeshift musters were taken. There was a member of the



JASMIN BROWN

ship staff who came hurtling down the road and caused a bit of panic because the students were scattered in the boat basin. Once we got everyone confined to a corner of the boat basin out of the way of any potential traffic, the hillside erupted. In the meantime, we had received word that the rest of campus was evacuating to lower campus and had gained about 20 more students who had come from various resident halls. We evacuated our students from the boat basin to the waterfront, and there was panic. I had stayed in the boat basin to ensure everyone was out and realized there was a student that was coming down the hill that was ablaze. I ran and grabbed the fire extinguisher that was in the watch box just in case I needed to use it, luckily there was still room on the path for him to get through the hillside. I then evacuated to the waterfront. We were waiting there for about 5 minutes before we were met by Maritime PD and instructed to evacuate to Lot O. Students dispersed fairly quickly which I remember was surprising to me. I thought there was going to need to be multiple trips to and from lower campus to Lot O but everyone seemed to be on the same page. The RHOs stuck around and made sure everyone had a ride to be evacuated. I then escorted myself and four classmates to Lot O in my vehicle and proceeded to wait for further instruction. After about five minutes we were informed to go to the [downtown] Anchor Center.

I waited around with everyone for a while until I felt it was okay to leave to my host family’s house.”

— Jasmin Brown

Bill Dunbar (Engineering, Class of '84) is the father of current Cadet Joseph Dunbar and the general manager of Mare Island Dry Dock, LLC.



ABC7 KGO TV

“As I crossed the Carquinez Bridge early on Sunday on my way to a church service in San Mateo the campus looked peaceful. So I was surprised to get a call from my son Joseph 30 minutes later saying the campus was being evacuated because of a fire, and asking about sending some of the cadets to our house to stay. I was glad to provide support for the students and told him to send as many as he needed to — although I did remind him the power had gone out Saturday night.

After some calls and texts during the day, the number had climbed to a dozen, so as I drove home Sunday afternoon I made a few stops where the power was still on to pick up food, flashlights, and candles. When the number reached 16, I found an open Costco and added blankets and pillows as well!

Since the power was out, we used the grill and made good use of what we had in the freezer. That evening with just flashlights and candles, people talked about their experiences of the day, played games, wondered what was coming next, and even found the makings for S’mores in the cupboard. Between beds, couches, air mattresses and the floor, everybody found a place to sleep that night. I’m thankful we were able to help.” — **Bill Dunbar**

“I remember waking up Sunday morning to the power going off. As I walked out of the office I heard the fire alarm go off. I ran to the fire box and it read multiple alarms. I looked outside and saw the fire and smoke on the hill. I ran back into the office and grabbed the master keys for Upper Residence hall. I noticed RHO Oca and RHO Lax and worked with them to check that the rooms were evacuated. After clearing the building and shutting the windows I received a call from two other cadets who were asking if they could stay at my house. I told them to go there and relax and take a breath. I then used my car

to check the waterfront and make sure all cadets had evacuated. After clearing the waterfront, I went to Lot I and helped two people evacuate to Lot O. After arriving at Lot O, I started shuttling cadets to [Cal Maritime’s downtown office space] the Anchor Center. After dropping off the first group I went back and waited to see if anyone else had to be evacuated. After a couple of minutes, Ronald Dupree came by and told me the campus had been [completely] evacuated, and I should go to the Anchor Center. After being at the Center for a couple hours, I told the cadets who were there if they didn’t have housing they could stay with me. By the time I got home there were a total of 16 cadets, my father, and me.” — **Joseph Dunbar**, Residence hall officer, Upper Residence Hall

“Imagine this... You go to bed on a late Saturday night without setting an alarm to wake up on Sunday morning. The annoying alarm sound I hear every morning only to roll over and hit snooze on multiple times is the sound I wish I would’ve woke up to on Sunday, October 27th. Instead, the smell of smoke, the sound of fire trucks, and a voice from the Residence Life Student Hall Director, Tess Bernardis, was my alarm. Along with the Residence Hall Officers, I began to evacu-



PHOTO BY ANTHONY SCOPAZZI

ate buildings one room at a time. What was I feeling during this moment? Uncertainty. The uncertainty that my home, work, and place of many memories will exist tomorrow.

As I made the left turn off Country Lane to Academy Drive, seeing a plane drop fire retardant gave me some certainty as I drove to the Anchor Center. At the Anchor Center, many of the campus resources and community members came together to aid students. The following memories made me proud to be a part of Cal Maritime:

Josie Alexander, executive director of Associated Students, driving into the parking lot with a pickup truck full of water, snacks and food.

Ryan Scheidemantle, career coordinator, delivering board games.

Enterprise Services game-planning in the conference room with **Lorrie Dineen-Thackeray**, director of purchasing.

Eric Cooper's (community development manager) cool, calm, and funny demeanor.

Joe Dunbar (residence Hall officer) housing fifteen students.

Unfortunately, this was not imagination. This natural disaster could have changed many lives, however, the brave first responders did everything they could to protect those lives, memories, and material items left behind on the Cal Maritime campus while the campus was evacuated. Thank you to: the first responders, the residence hall officers who put their training to use to evacuate the residence halls, students who loaded their vehicles to get as many students off of campus as they could fit, faculty and staff that showed up at the Anchor Center to offer aid, and the community for opening their doors to Cal Maritime students." — **Ronald Dupree**, Residential life coordinator ↴

Cal Maritime's Cadet-Community Connection connects host families from the local community with incoming freshmen to give them a home away from home as they meet the challenges of a demanding first year.

The program is overseen by JoEllen Myslik, Cal Maritime's coordinator of community engagement:

"Immediately after campus was evacuated, I began getting calls, texts and emails from concerned hosts," says Myslik. "Nearly every single host in our program was either letting me know that they had their cadet with them, plus their roommates and friends as well, or letting me know that they could house or feed as many as needed. The outpouring of concern for our students was heartwarming, but not surprising. We have some amazing people in this community and especially in our program."

Anne Heather Cropper

Cal Maritime's First Lady,

Anne Heather (Brown) Cropper,

peacefully entered eternal rest on November 3, 2019 after a courageous nine-month battle with cancer. She was born to Robert and Florence Brown on March 24, 1958 in Clarinda, Iowa. Heather grew up in a happy home with her sisters, Heidi and Holly, with whom she remained close throughout her life. She attended Clarinda High School before graduating with a degree in Nutrition & Dietetics from Iowa State University, where she met the love of her life, Tom Cropper, in 1978.

In 1981, Heather married Tom and took on the hardest job in the Navy — Navy spouse. She devoted herself to supporting fellow military families for the next 31 years, radiating kindness, sincerity, and love for people in all she did. She always displayed determination, poise, and resilience during the extended periods of time her husband was at sea and was a shining example to others. Through military moves, she committed to generously supporting the Naval aviation community, local schools, and her PEO chapters. Heather's lasting impact on military families was recognized in 2012 when she received the Navy Meritorious Public Service Award. In 2012, she assumed her new role as First Lady of the California State University Maritime Academy, where she dedicated herself to the well-being and care of cadets, faculty, and staff.



Family and friends were Heather's passion and priority. She raised three wonderful children who have each embarked on their own unique adventures: Ashley (Patrick), Tommy (Shane), and Lauren (Raphael). She delighted in hosting family and friends, reveled in her children and grandchildren, and lived every day in the present. Special times with friends and family were among her happiest. Heather's journey in life was marked by a beautiful bounty of her contagious laugh and smile, carefree spirit, kindness, and grace.

Heather is survived by her husband, three children, and three grandchildren (Bryce, Wyatt, and Colby Rollo); her parents and sisters; other loving relatives and many dear friends. Memorial donations may be made to the Heather Cropper Memorial Scholarship Fund at the California Maritime Academy Foundation, 200 Maritime Academy Drive, Vallejo, California, 94590. ↴

A photograph of Erin Cole, a young woman with short brown hair, smiling warmly. She is wearing a light blue button-down shirt and a necklace made of colorful beads. She is standing in a workshop or makerspace, with blue metal shelving units and various tools visible in the background. The lighting is bright and natural, suggesting a well-lit indoor space.

Making Something Meaningful

ERIN COLE

Cal Maritime has a new makerspace. The space, located in the Tech Building, has been remodeled and stocked with prototyping equipment, assembly work areas, collaborative zones, and other tools and equipment.

Erin Cole is the instructional support technician who oversees the new space. She provided information on what the makerspace is and what the campus community hopes it becomes in the future.

Can you explain what a makerspace is (for the uninitiated)?

A makerspace, at its core, is a resource for making ideas a reality. Makerspaces provide tools and workshops that enable people to create a prototype, collaborate with others, develop a design, and more. A makerspace is based on continuous and experiential learning.

Cal Maritime's new makerspace, specifically, is intended as a space for the campus community, including students, staff, and faculty. It's free to use and to attend workshops!

Our role is to welcome everyone into design and interdisciplinary thinking, as well as to encourage the innovation already happening on campus. It is a space for students, staff, and faculty to work on personal creative projects, work

on course-related projects, and to meet with other creative people.

What things can the Cal Maritime community do in a makerspace?

A makerspace is what you make of it; it's up to the imagination!

Right now, we have 3D printers, a sewing machine, assorted hand tools, and soldering supplies, as well as a lot of workbench space. Once you receive training on a tool by attending a workshop, you can come in during open hours and create something new. There's potential for robots, rapid prototyping, gift-making, fiber arts projects, repairs, and much more!

Many of these applied technology skills can help students with research, or prepare for graduate studies or internships.

CONTINUED ON NEXT PAGE



A makerspace is a great place to develop your project portfolio.

Now that you're up and running, how do you see this growing and evolving in the coming years and months?

Ultimately, we hope to support a community of learners, innovators, designers, and collaborators in as many ways as possible.

We want users to feel a sense of ownership and belonging to the space. To do that, we'll focus on integrating into the campus fabric—establishing regular open hours and workshop schedules, collaborating with student groups on events, working with faculty to create course partnerships, etc.

In the longer term, we plan to bring in student assistants to help monitor the space and shape its growth. Additionally, we've put together a wish list of tools and supplies we hope to obtain over time to support a wider range of projects. The list includes a laser cutter, letterpress, high-end 3D printers, more crafting supplies, and a PCB router.

What is your background, and where were you before Cal Maritime?

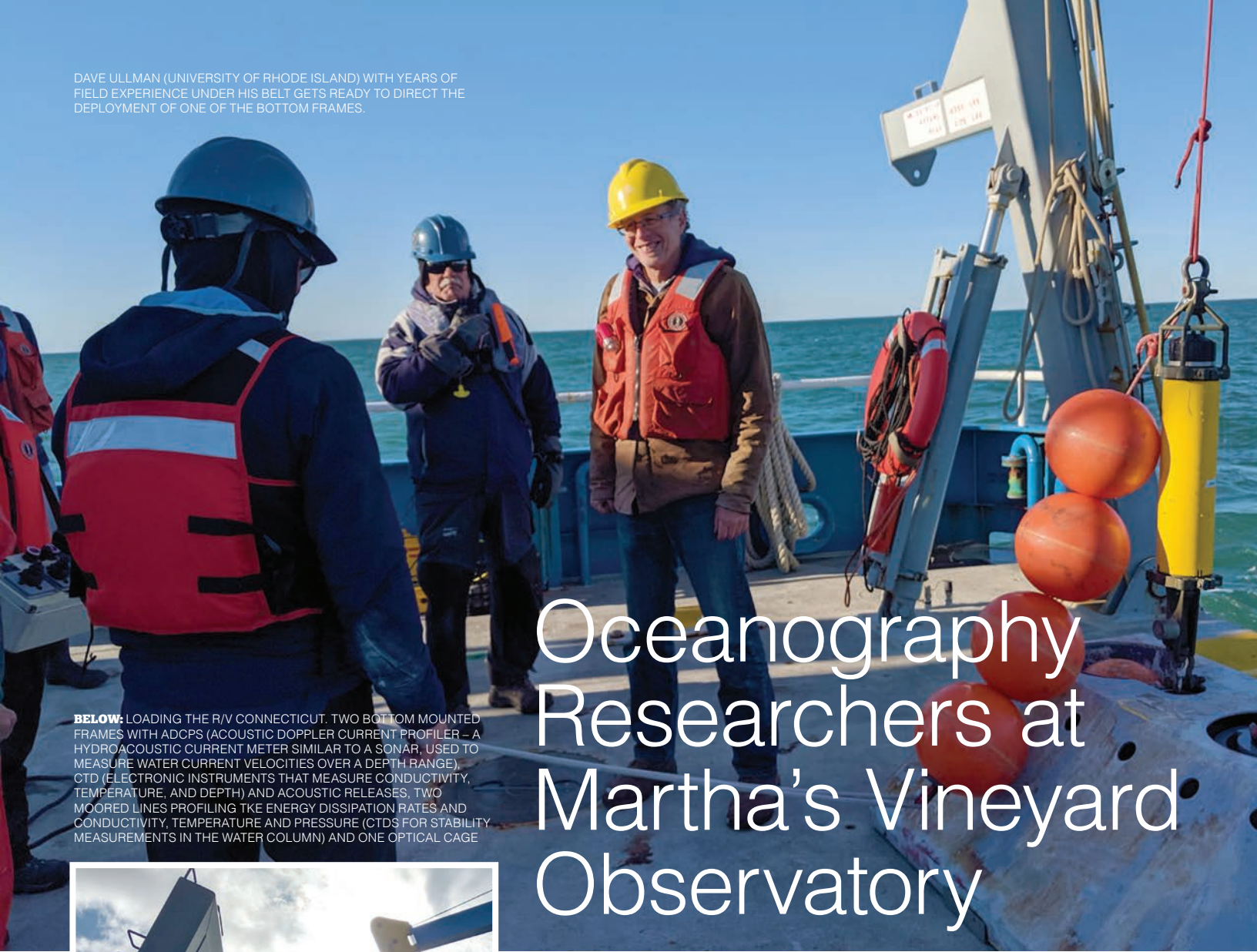
I grew up in a small mountain town in Colorado and have been building things for as long as I can remember. I have a bachelor's degree in mechanical engineering from Brown University, where I worked both at the school's makerspace and professional machine shop. I've always had a passion for design and design education. I hope to bring everything I've learned to Cal Maritime and make some cool projects! ⚡

The core planning team for the space included Tom Oppenheim, Mike Holden, Margot Hanson, and Evan Chang-Siu. The group met regularly to draft floor plan proposals, order equipment, and discuss policies and best practices.

A larger Makerspace stakeholder group with representatives from each academic department has also met regularly. This group selected the final floor plan design and drafted access policies. Stakeholder group members were selected based on previous participation in maker events on campus, in order to incorporate ideas and perspectives from a variety of disciplines and departments. The larger stakeholder group consisted of Nelson Coates, Lauren Hartman, Christine Isakson, Kate Sammler, Mike Strange, and Marisa Sutro, in addition to the core planning team.

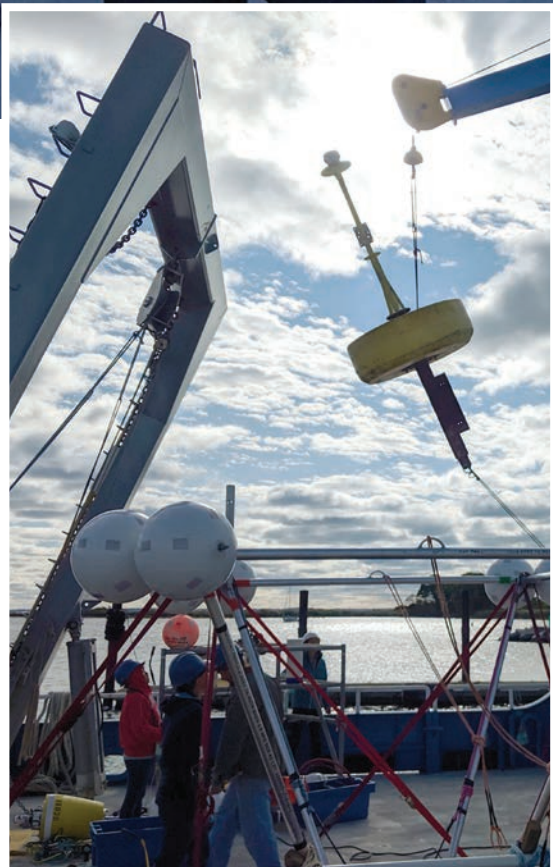
The administrators overseeing this project are Lina Neto, dean of engineering, and Michele Van Hoeck, dean of the Library. Formal training and access to the space is available to the entire campus community.

DAVE ULLMAN (UNIVERSITY OF RHODE ISLAND) WITH YEARS OF FIELD EXPERIENCE UNDER HIS BELT GETS READY TO DIRECT THE DEPLOYMENT OF ONE OF THE BOTTOM FRAMES.



BELOW: LOADING THE R/V CONNECTICUT. TWO BOTTOM MOUNTED FRAMES WITH ADCPS (ACOUSTIC DOPPLER CURRENT PROFILER – A HYDROACOUSTIC CURRENT METER SIMILAR TO A SONAR, USED TO MEASURE WATER CURRENT VELOCITIES OVER A DEPTH RANGE), CTD (ELECTRONIC INSTRUMENTS THAT MEASURE CONDUCTIVITY, TEMPERATURE, AND DEPTH) AND ACOUSTIC RELEASES, TWO MOORED LINES PROFILING THE ENERGY DISSIPATION RATES AND CONDUCTIVITY, TEMPERATURE AND PRESSURE (CTDS FOR STABILITY MEASUREMENTS IN THE WATER COLUMN) AND ONE OPTICAL CAGE

Oceanography Researchers at Martha's Vineyard Observatory



Cal Maritime's Oceanography degree program launches this fall, but the study of Oceanography and Marine Science at Cal Maritime dates back more than two decades. And researchers from Cal Maritime are already taking part in important work.

Alejandro Cifuentes-Lorenzen, assistant professor of Oceanography, Kate Randolph, assistant research scientist, and Cadet Martin Shimada traveled to University of Connecticut and Woods Hole Oceanographic Institute's Martha's Vineyard Coastal Observatory to set up a comprehensive field campaign to fulfill objectives on two separate but collaborative projects funded by the National Science Foundation and NASA this fall.

Cifuentes-Lorenzen's research includes investigating the role of waves in the transfer of momentum and kinetic energy across the air-sea interface, with a particular focus on wave-driven turbulence. The experiment, a multi-institution, NSF-funded effort, is designed to explore the transfer of energy from the atmosphere to the sea, mediated by waves.

The NSF project provides context for the NASA funded work Randolph is pursuing. She has deployed a system of radiometers and a float with optical and acoustic instrumentation to explore the relationship between breaking waves, bubble plumes, turbulence, and hyperspectral reflectance (ocean color). [↴](#)

CABO AND TRANSPAC

A **BIG**
Year for
Offshore
Sailing



BY ERIN D. SPRAGUE

Director of Sailing and Recreational Boating

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The sleigh, a 77 Andrews, was generously donated to Cal Maritime earlier in the year and rebranded to promote the CMA Foundation's Yacht Donation Program as well as an opportunity to provide more competitive offshore racing experiences to the University community. With a small group of friends and family on the dock wishing them fair winds and following seas, 11 cadets from the varsity sailing team, accompanied by five volunteers, all with extensive offshore racing experience, led by offshore sailing coach Tyler Wolk, pulled the lines and set sail for Cabo, Mexico.

At an estimated 800 nautical miles, the Newport-Cabo race is one of the longest, most well-known point-to-point distance races on the North American continent. Generally starting as a chilly upwind grind and shifting to a balmy downwind rush for the finish, it is no coincidence that this particular event is often used as a shakedown for its wild big brother, affectionately known as The Transpac. The blessing this team received before leaving the dock was a prepared reminder of the integrity, trust, and humility they would need to share with their shipmates and mentors in order to make the dream of successfully crossing 2,225 nautical miles of open ocean together and competing in the 2019 Transpacific Yacht Race a reality.

The Transpac is a challenge for the most skilled and dedicated ocean racing teams to race from the Point Fermin buoy off Los Angeles, California to the Diamond Head buoy off Honolulu – a highly sought after and revered feather in any offshore sailor's cap. Often compared to the east coast's Newport-Bermuda Race, which shies in comparison at only 635 nautical miles, both events have run biennially since 1906, barring a few missed runs during WWI and WWII. 2019 marked the 50th Anniversary of the Transpacific Yacht Race.

It has been nearly 25 years since Cal Maritime Sailing last competed in the event. This past year — with the support of President Cropper, campus administration, the CMA Foundation, Cal Maritime Athletics, generous alumni, the best volunteers money can't buy, as well as the unwavering determination from Coach Wolk — the Keelhaulers returned to prove their salt on the open ocean. Proving yourself on the water comes down to

For sailors, the few hours before the starting gun of an event are a hectic time of last-minute preparation, final safety briefs, and a quick shove off the dock. On the morning of March 15th, just hours before the start of the 2019 NHYC Newport-Cabo Race, the dock call checklist included an additional humbling activity. "Please grant these sailors a calm and fast voyage and the always wished for haven at the end. Let these sailors carry out their voyage skillfully and finish their race with honor. And, when the time comes, call them back to port with all joy," implored the fleet chaplain Paul Blank of Balboa Yacht Club while blessing the group of new mates as they stood in respectful excitement across the transom of *Cal Maritime*.



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preparation on land; once you're out there you only have the souls you left the dock with and the vessel you've prepared to depend on. Even the best maintained vessel and diligent crews are often subject to the whims of fate and as a sailor you quickly learn the value every constant you have control over: preparation, knowledge, and safety being of the utmost importance.

Although the Cabo Race didn't turn out as the team had planned, the disappointment was tempered by lessons learned in balance, prioritization, and a low-risk taste for the cadets of what it was going to take physically and mentally to be ready for the Transpac. The conditions were opposite of the big breeze often expected, and after drifting for a few days with no substantial increase in pressure forecasted, the possibility of missing finals became more and more a reality. The difficult decision for coaches and mentors on board to put the cadet's responsibility as students ahead of yacht racing was a tough life lesson, but pertinent. For all of you sailors reading this, how many times have you battled with yourself over how many days you can gamble taking off from work for sailing events before work takes off from you?

After the decision was made to turn back for San Diego, the team knew they would need to meet the qualification guidelines of experience at sea and in big breeze set forth by the Transpac organizers another way. But, for the time being, gears shifted and *Cal Maritime* became a study hall with a watch schedule. Watching the cadets quiz each other on constellations while steering by the stars and doing problem sets huddled around the folding chart table provided a tangible sign of what their education was awarding them and how offshore racing opportunities supplement their investment. "Sailing really helps me see my classes in a new way. I get to use equipment when we sail that most of my friends won't get that kind of access to until after they graduate," explains Ryan Schack. (Shack quickly added he would have missed two exams and a final paper at the rate we were going if we hadn't turned back.) For the mentors, this was the time they so needed to pick apart the ins and outs of the newly donated vessel and prioritize what still needed to be done to prep the boat for a crossing to Hawaii.

Along with some additional shakedown sails in bigger breeze and more trying conditions, preparation for the 2019 Transpac is a feat in and of itself. With three Transpac crossings already under his belt, 2019 being his fourth, and over 100,000 open ocean miles, Coach Wolk has a full understanding of what is necessary to prepare a team and vessel for a safe crossing. "There is a long list of physical work involved in preparing the boat and inspecting it to make sure it's as safe and strong as possible," explains Wolk, "the Transpac organizers provide a list of safety requirements and equipment that teams must meet. They diligently inspect every item before approving your team's participation in the event." Additionally, Transpac requires 30 percent of competing crews to complete a two-day US Sailing Offshore Safety at Sea course. With 80 percent of the *Cal Maritime* crew holding current Safety at Sea qualifications and a long

2019 NHYC Cabo Race Crew
Skipper/Watch Captain
 Tyler Wolk, MT '13
Cal Maritime Offshore Sailing Coach
Watch Captain
 Max Moosman *Mentor*
Navigator
 Michael Orr *Mentor*
Cadets
 Kyle Hunt, IBL '19
 Lucas Earley, MT '19
 Johannes McElvain, MT '19
 Ben Rohr, FET '19
 Bennet Zemke, MT '19
 Nolan Van Dine, ME License '20
 Jacob Fisker-Anderson, MET '21
 Ryan Schack, MT '21
 Brock Paquin, MET '22
 Emi Stephanoff, MT '22
 Hailey Thompson, MT '22
Mentors
 Chris Bretschger
 Greg Newman
 Erin Sprague
Cal Maritime Director of Sailing & Rec. Boating

2019 Transpacific Yacht Race Crew
Skipper/Watch Captain
 Tyler Wolk, MT '13
Cal Maritime Offshore Sailing Coach
Watch Captain
 Max Moosman
Navigator
 Johannes McElvain, MT '19
Cadets
 Kyle Hunt, IBL '19
 Lucas Earley, MT '19
 Ben Rohr, FET '19
 Bennet Zemke, MT '19
 Nolan Van Dine, ME License '20
 Jacob Fisker-Anderson, MET '21
 Ryan Schack, MT '21
 Brock Paquin, MET '22
 Emi Stephanoff, MT '22
 Hailey Thompson, MT '22
Mentor
 Greg Newman
Provisioning
 Chris Bretschger

IBL
International Business & Logistics
MET
Marine Engineering Technology
MT
Marine Transportation
ME
Mechanical Engineering

list of additional safety experience and certifications, obtained by many of the cadets onboard as part of their education, “I would say we were the most safety-qualified team on the race course this year,” added Coach Wolk. Spending every available day, night, and weekend preparing the boat and equipment for this event Coach Wolk was driven by a full understanding, as a competitive sailor, passionate coach, and supportive alumni, of the value this experience would add to the team’s career at Cal Maritime.

Coach Wolk, along with everyone who supported Cal Maritime entering in the 2019 Transpac, had a strong feeling it was worth it for many reasons that would benefit the individuals involved as well as the Cal Maritime community. It can be incredibly difficult to see the worth in yacht racing since much of its most valuable impact presents itself hundreds of miles offshore and all you see when back on land is the manpower needed and price tag associated with what now needs to be repaired. For the students involved, this experience was an invaluable opportunity to learn life lessons you can only access on the ocean and will forever define their time as cadets.

When asked to share their experience preparing for and participating in the 2019 Transpac, cadets Jacob Fisker-Anderson, Ryan Schack, and Hailey Thompson, reflected on their experience with pride and appreciation. Thinking back to the stress of nearly missing all of their finals during the Cabo attempt, while comparing the placid conditions of that event to the trying conditions of the Transpac, Fisker-Anderson immediately related it to how he now approaches his packed schedule. “I learned what operating at absolutely minimum sleep was. Now during the semester when things get busy and I’m tired, I know it’s nothing like the tired you feel while offshore racing. Giving up or giving in is never an option because other people are depending on you,” explains Fisker-Anderson. Similarly adding value and appreciation for what they learn on campus, Schack noted, “We learn how to do things at school, but we don’t always experience the consequences of not paying attention to detail or leaving a job for someone else to finish. In ocean racing, if it doesn’t get done right, and immediately, something can go horribly wrong. You need to be

consistent and thorough with your work, and you learn to do that really quick.”

Things went wrong on the way to Hawaii and the team was prepared. When the electronics system was compromised after a wave came down the companionway, classroom lessons immediately went into play. “We actually used things we learned at school to get there. Not many people can say ‘Yes, I used celestial navigation to get to Hawaii.’ We did!” says Thompson, smiling. Some lessons don’t relate as specifically to the classroom. Fisker-Anderson shared, “Everyone has something that they’re really good at, that they’re willing to do no matter what. Being open to finding that thing in your teammates and supporting them allows them to support you.” An articulate appreciation for individual character and respect of others is something that now permeates this team.

Accountability and integrity, to name a couple, are two of some of the most difficult character lessons in life, and for these sailors, those traits have solidified their value firsthand. “The unspoken trust that everyone develops with one another and the seriousness of accountability you share with your teammates...,” begins Shack. Thompson quickly and stoically chimes in, “I trust my teammates and coaches with my life.” Schack finishes his thought, “When everything seems like it’s going wrong out there, you no longer worry about the big picture. You’re in the moment and all you care about is keeping your teammates safe.” That mutual concern for one another’s wellbeing and shared respect for equipment and the elements is what will bind this team for the rest of their lives and allow them to thrive professionally when they graduate from Cal Maritime.

After eight days, 23 hours, and 36 minutes of shower-less intensity on the ocean, and months of preparation testing their skills and honoring the seriousness of their chosen sport, the Keelhaulers were joyfully celebrated as they touched the dock. Greeted by the legendary Aloha Welcome Party as they entered Ala Wai Yacht Basin, the only collegiate team was honored and humbled to have had the opportunity to participate in the 50th Transpac. Along with family, friends, and members of the Cal Maritime community, they celebrated their successful race to Hawaii. [↓](#)

MARV CHRISTOPHER TO RETIRE IN SUMMER 2020

Director of Athletics, **Marv Christopher**, announced he will retire following the 2019-20 academic year.

Christopher has served as Cal Maritime's director of athletics since 2004, leading the program through a period of unprecedented growth and achievement. The cadet population more than doubled during his 15 years of service, and during that span, new sports were added, including women's basketball, women's water polo, and women's soccer. Other milestone events included the renovation of Bodnar Field, the opening of the Physical Education and Aquatics Center, and the expansion of recreation and intramural activities. Championships during Christopher's tenure include men's basketball winning the Cal Pac league championships and participating in the NAIA National Tournament for seven consecutive years and Cal Maritime rugby qualifying for nation-

als twice. Offshore sailing won the right to represent the United States at the Student Yachting World Cup three times.

Named Cal Pac Athletic Director of the Year two years in a row (2013-14 and again for 2014-15), Christopher was also elected by his peers to serve as president of the conference, a position he held from 2015 through 2019.

Christopher first became a director of athletics in 1984 at Cazenovia College in upstate New York, a position he held for 20 years prior to accepting the appointment to join Cal Maritime.

"We are indebted to Marv's vision, leadership, and commitment to athletics programming at Cal Maritime, and, most importantly, his dedication to providing each Keelhauler athlete with the best possible opportunities for success, both in the classroom and in their chosen competitive arena," said President Tom Cropper.



ALDRIC TERRAL, PLAYER/COACH ON THE KEELHAULERS MEN'S WATER POLO TEAM HELPED LEAD THE TEAM TO THE NATIONAL COLLEGIATE CLUB CHAMPIONSHIP IN PITTSBURGH, PENNSYLVANIA.

Men's Water Polo Advances to National Tournament

Cal Maritime men's water polo claimed their first Sierra Pacific Title by defeating the Cal Bears twice in one week to book a place in the National Collegiate Club Championship at the University of Pittsburgh.

Cal Berkeley hadn't lost in 64-straight league games before Cal Maritime's 6-5 win.

Cal Maritime opened the national tournament by defeating Oregon State 16-12 to advance to the quarterfinals of the 2019 Men's National Collegiate Club Championship at the University of Pittsburgh behind six goals from Cooper Arnett, five from Reagan Hesse, and a brilliant game in goal from Steven Mori.

The Keelhaulers had narrow losses to UC San Diego and Michigan State and finished in the top half of the 16-team field.





(l-r) Cadets **Andre Batoon**, **Hannah Soule**, **Mia Cosentini**, and **Jasmin Brown** representing Cal Maritime at the Women on the Water conference sponsored by the Maritime Administration and hosted by Texas A&M Galveston. Support and travel to the conference made possible through the Edwards Leadership Development Program.



CAL MARITIME REPRESENTATIVES AT THE EAST BAY ECONOMIC DEVELOPMENT ALLIANCE INTERNATIONAL TRADE AND INVESTMENT FORUM IN NOVEMBER, 2019. PHOTO BY RON ESSEX.



(l-r) **Nathalie Calderon**, **Brittany Holloway**, and **Marina Bartels** at the Women in Trade Luncheon hosted by the Port of Long Beach.



Samuel Rodriguez (Mechanical Engineering) was named the TELACU Scholar, a Trustees' Award for Outstanding Achievement. He is pursuing a bachelor's in mechanical engineering with minors in business administration and mathematics.

Rodriguez has made critical contributions as a member of the Academy's team that participated in the U.S. Department of Energy's Collegiate Wind Competition. He volunteers with Rebuilding Together Solano County and tutors fellow cadets

on math, science and engineering. He serves as vice president of the American Society of Mechanical Engineers' student chapter at Cal Maritime, is a Louis Stokes Alliance for Minority Participation PROUD Scholar and a member of Pi Tau Sigma.



Eduardo Alcantar, Anthony Scopazzi, and Mark Wheaton

were chosen to attend the LIFT (Leadership, Innovation, Fellowship, and Transformation) Community Engagement Conference at Fresno State. The conference was created and designed to bring together student leaders who are connected to their campus community engagement and service learning activities — with an eye towards promotion and advocacy for those experiences.

"I got many helpful tips and ideas from [the] LIFT Conference that I can incorporate into how I lead, but also in my personal life, which will end up bleeding into everything I do," said Scopazzi.

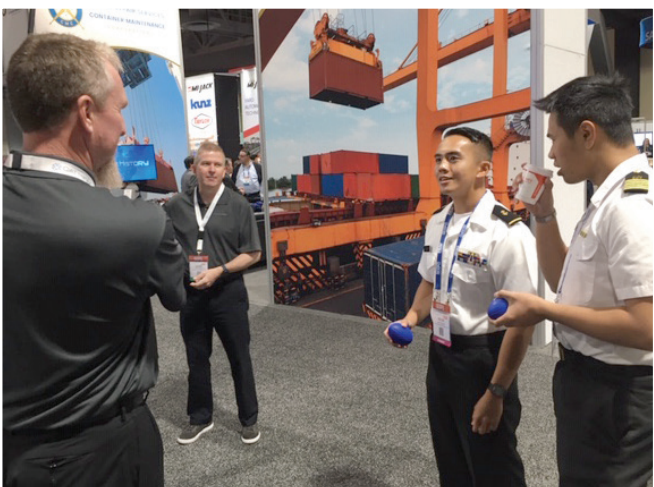


During summer 2019 **Shaun Teter** (Marine Transportation, '19) completed an At-Sea Technical Internship through the Marine Advanced Technology Education (MATE) Center. These competitive summer internships help prepare students for employment as scientific research technicians. Interns work as marine technicians aboard sea-going research vessels that are part of the University National Oceanographic Laboratory System. Teter worked along the U.S. Atlantic coast aboard the University of Delaware's 150-foot research vessel *Hugh R. Sharp*.



For the second consecutive summer, marine science students have joined the NOAA National Marine Fisheries Service Southwest Fisheries Service Rockfish Recruitment and Ecosystem Assessment survey. **Monica Ford** (Global Studies & Maritime Affairs, '19) sailed aboard the NOAA Ship Reuben Lasker where she assisted with daytime hydrographic surveys including the deployment of the ships conductivity, temperature and depth (CTD) profiler and processing samples for the analysis of nutrient concentrations and to determine phytoplankton biomass.

"These experiences at sea as members of collaborative science teams can be truly transformative for students making decisions about their career goals," said Dr. Alex Parker, associate professor of Oceanography. There is really nothing quite like it."



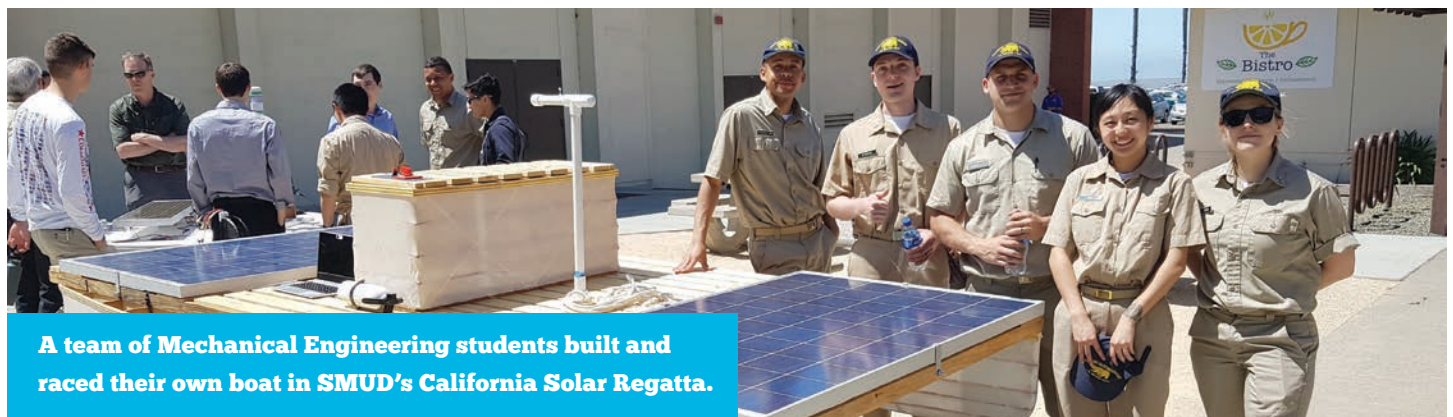
THE INTERMODAL ASSOCIATION OF NORTH AMERICA (IANA) SPONSORED ATTENDANCE BY EIGHT CADETS FROM CAL MARITIME'S INTERNATIONAL BUSINESS & LOGISTICS PROGRAM. IN EXCHANGE, THE CADETS VOLUNTEERED SOME OF THEIR TIME DURING THE CONFERENCE TO INTRODUCE SPEAKERS AND ASSIST OTHER ATTENDEES. THE CONFERENCE PROVIDED CADETS AN OPPORTUNITY TO NETWORK AND COMPARE KNOWLEDGE LEARNED IN THE CLASSROOM WITH INDUSTRY PRESENTATIONS.

CAL MARITIME CADETS attended the Maritime Leadership Symposium at the U.S. Merchant Marine Academy. Support for the trip was provided by the Edwards Leadership Development Program.

1 (l-r) Cadets **Harriet Lawler, John Van Dixhorn, Lachlan Davis,** and **Marina Bartels** getting underway with Kings Point midshipmen to view New York Harbor and the Statue of Liberty during the Maritime Leadership Symposium.

2 (l-r) Cadet **Marina Bartels,** Cadet **Lachlan Davis,** Engine Company Commandant **Anthony Konecni,** Cadet **John Van Dixhorn,** Cadet **Harriet Lawler** visit the US Merchant Marine Academy war memorial honoring the 142 cadet-midshipmen who paid the ultimate sacrifice during World War II while serving aboard commercial merchant vessels in both Atlantic and Pacific theaters.

3 (l-r) Cadets **Marina Bartels, Lachlan Davis, John Van Dixhorn,** and **Harriet Lawler** gather outside Wiley Hall at the US Merchant Marine Academy in Kings Point, New York as part of a multi-day leadership discussion on campus amongst fellow cadets and midshipmen.



A TEAM FROM CAL MARITIME competed in the Baja SAE, an intercollegiate design competition run by the Society of Automotive Engineers (SAE). Teams of students from universities all over the world design and build small off-road cars.

Only two of the Cal Maritime team members, **Nicholas Marsh** and **Donny Palmer,** could physically be at the competition. The other two, **Ryan Ellis** and **Christian Neff,** departed for Cruise two weeks earlier.

“Normally, teams are 30-plus people, competing each year, with large budgets from equally large sponsors. We were a small team...our first time competing, and our school had not competed since 2013,” said Marsh. “We completed the car in a short three months. We started with nothing but our design in CAD.

They worked until four a.m. the day of competition, before driving the car six hours south to Gorman, California.

Professional Achievements



Chris Brown, scientific program manager for the Golden Bear Research Center, was elected as a Fellow of the Institute of Marine Engineering, Science and Technology. Headquartered in London, the Institute is the international membership body and learned society for marine professionals operating in marine engineering, science, or technology.

Carissa Lombardo is the new MPM company commandant. She grew up in Saugerties, New York and attended the State University of New York at New Paltz, where she majored in music therapy and minored in psychology. She went on to earn a Master's Degree in special education and literacy from the State University of New York at Albany.

While employed as a special education teacher in the Capital District, Carissa enlisted into the New York Army National Guard in 2012. After her initial entry training at Fort Huachuca, Arizona, Carissa accepted a position with the New York National Guard Counterdrug Task Force. Her most recent position had her assigned to Homeland Security Investigations in New York City, as a criminal analyst.

Carissa's military service also took her overseas, in support of Operation Enduring Freedom, Operation Inherent Resolve, and Operation Spartan Shield. As the noncommissioned officer in charge (NCOIC) of the 369th Sustainment Brigade's intelligence section, Carissa was responsible for the research, analysis, and dissemination of intelligence related to the Central Command countries. Aside from her NCOIC and intelligence obligations, Carissa volunteered to help with the design and delivery of the Brigade's leadership development program. Carissa recently transferred to the 69th Infantry Battalion in New York City, where she has assumed the role of intelligence NCOIC. There, she trains junior enlisted Soldiers in basic Soldier skills and intelligence processes, while mentoring Soldiers to become future leaders. Carissa also conducts in-depth analysis, which she briefs to the company and battalion command teams in order to provide timely and relevant information, pertinent to the command decision making process.

Carissa's awards include the Meritorious Service Medal, Army Commendation Medal, Inherent Resolve Campaign Medal with Campaign Star, Armed Forces Reserve Medal with M Device, Global War on Terrorism Expeditionary Medal, Global War on Terrorism Service Medal, National Defense Service Medal, Non-Commissioned Officer Professional Development Ribbon,

Overseas Service Ribbon, and Army Service Ribbon.

Carissa brings eleven years of diverse leadership training and experience to Cal Maritime from the military, education, and physical fitness sectors. She says she is most looking forward to "developing, inspiring, and challenging cadets, as they navigate through their journey at Cal Maritime."



Rich Muller, associate director of the Golden Bear Research Center, retired in September. Muller joined Cal Maritime in 2007 as waterfront supervisor in the former Maritime Operations department. While working as faculty he obtained his USCG 100 Ton Master license and STCW Marine Survival 'Train the Trainer' certificate, and taught marine survival and small craft classes while overseeing the maintenance of the waterfront assets. He eventually transitioned to full-time Waterfront Manager where some of his accomplishments include the repowering of the vessels Black Bear, Cub and Little Bear under the Carl Moyer grant program, gaining in-kind support from Furuno to upgrade the Radar, AIS and GPS on those same vessels, replacing some of the smaller vessels with more

modern equipment, and generally keeping the waterfront running under an ever-increasing load. From 2010-15 Rich also helped develop and operate the ballast water treatment test facility which came to be known as the Golden Bear Facility. During his time with the Golden Bear Research Center, Muller was instrumental in building and maintaining GBRC as the only functioning USCG accepted test facility in the U.S.



Susan Opp, Cal Maritime's provost and vice president of Academic Affairs, is leaving the Academy following her selection to join the Western Association of Schools and Colleges, Senior College and University Commission (WSCUC, also known as WASC) as vice president.

In her four-and-a-half years at Cal Maritime, Opp played a key and critical role in many significant improvements: forward-looking reorganization of Academic Affairs into three schools, addition of the new oceanography major and oceanography research/teaching lab, and creation of new university advisory group.

Thomas Oppenheim, assistant professor of mechanical engineering, and **Steffan Long**, engineering technol-

ogy, won an \$8000 grant from Haas Automation. This money will go towards funding Cal Maritime's Baja SAE team so they can build their car and compete in Arizona in the spring. Baja SAE is an intercollegiate design competition run by the Society of Automotive Engineers.



Julie Simons, assistant professor of Sciences and Mathematics, got two grants from two different California State University programs: CSUPERB (a biotechnology research initiative) and STEM-NET (a new STEM research initiative). These funds will cover two mechanical engineering students (Gillian Hooper and Alexandra Rosenberger) for research assistantships and is, in part, a collaboration with Dr. Polina Lishko at UC Berkeley. Both students will be doing research throughout the academic year and then will be working with Dr. Simons full time this summer. The total funding received is nearly \$30,000. Simons also volunteered to serve as a campus ambassador for both of these programs, which involves being a part of the faculty who will steer the future direction of these programs across the CSU.

Simons also received the Outstanding Service Award for Faculty in recognition of the Gender Equity initiatives she has organized over the past years.



Joshua D. Shackman, assistant professor in the International and Business Logistics Department, received a Best Reviewer Award from the Academy of International Business. The Academy is the publisher of the top journal in international business. Shackman was recognized for his detailed review of four papers in different subjects.



Malik Sooch, regional director of development, has been elected to the Board of Governors for the Society of Port Engineers, Los Angeles & Long Beach, and will begin his term on January 1, 2020. Sooch joined the SOPE-LA/LB in January, 2019 as a member associate.



Matt Tener was named Cal Maritime's coordinator of academic preparation & support, combining his previous Napa-Solano County regional outreach responsibilities with oversight of on-campus tutoring support services.

CAL MARITIME'S U.S. COAST GUARD LICENSING PROGRAM was approved by the U.S. Coast Guard during its five-year renewal review. Mike Kazek, Steve Browne, Dan Weinstock, Keir Moorhead, Mike Strange, and Robyn Christopher formed the team that assembled the renewal submission and answering questions during the National Maritime Center's review process.



STAFF PARTICIPANTS JOSIE ALEXANDER, ROBYN CHRISTOPHER, ERIC COOPER, VINEETA DHILLON, RUBY GROVER, PRISCILLA MUHA, JOELLEN MYSLIK, GAEMA OBENCHAIN, CECILIA SANTOS, RYAN SCHEIDEMANTLE, TYLER SEVIGNY, KRISTEN TENER

A dedicated group of 12 staff have been delivering meals to seniors in the Vallejo community with Meals on Wheels since Fall 2018. The Office of Community Engagement organizes service opportunities for students, but when Coordinator JoEllen Myslik had the idea to offer this new endeavor for staff, these folks jumped at the chance. Two-person teams rotate to deliver meals to appx. 20 seniors every Monday, accumulating well over 125 hours of service to date.

From the Alumni President



Dear Cal Maritime Alumni,

As many of you have heard, the Cal Maritime 15th Annual Scholarship and Awards Gala was postponed due to the damage and disruption caused by the wild-fire that threatened the campus last month. The Awards Gala has been rescheduled for March 21, 2020 and will be held aboard the San Francisco Belle. The Annual Gala is always a wonderful event and I encourage you

all to join us. Visit foundation.csum.edu/gala to find more information about the Gala and a registration portal.

Last month the Puget Sound Alumni Chapter hosted its annual Puget Sound Alumni Dinner. The dinner was a tremendous success with over 100 people in attendance. The venue was great, the food was excellent. And the alumni camaraderie was PRICELESS! On behalf of the entire alumni association, I want to thank our chapter president, Rachel Newharth, and her team for organizing another fantastic event.

And not to be outdone, the Southern California Alumni Chapter revived its annual Southern California Alumni and Industry Dinner this past September at the Bluewater Grill in Redondo Beach. This too was a wonderful event organized by President-Elect Erin Pierson. Thank you, Erin. If I didn't know better, I might think there could be a healthy north-south rivalry in the making!

As 2019 draws to a close and we move into 2020, it is once again time to consider nominations for Cal Maritime Alumni Awards. Alumni awards are a great way to honor outstanding alumni (or non-alumni in the case of the Lighthouse Service Award) for their accomplishments and service. Visit <https://alumni.csum.edu> for the various award criteria and as well as nomination submission forms and instructions. If you know someone who you believe deserves formal recognition for their contributions and successes, please consider nominating that person for a Cal Maritime Alumni Award. Complete award nomination packages should be submitted by February 15, 2020.

Also, the Alumni Association is accepting submissions from interested parties who would like to serve on the Alumni Association Board of Directors. Please contact us at alumni@csum.edu if you are interested in giving back to your Academy and Alumni Association.

Lastly, please take a look at this recent ranking of the colleges that produce the highest-earning alumni, compiled from the U.S. Department of Education's College Scorecard: <https://www.cnbc.com/2018/05/01/the-colleges-where-students-go-on-to-earn-the-most-money.html> Look who is #17! As a good friend of mine always says, "the more you learn, the more you earn." According to this data, our academy and our alums are doing an excellent job on both.

Thank you all for your supporting Cal Maritime.

John Betz

Alumni Association President
president@alumni.csum.edu



DICK COCHRAN AND
KATHERINE FREITAS

50 Dick Cochran met with Cadet **Katherine Freitas**, recipient of the Class of 1950 Endowed Scholarship Award. They had lunch at the Sierra Nevada Brewing Company Tap Room in Chico in August.

Cochran told stories about his employment with Westinghouse Electric Corporation, and the various places around the world where he had lived. His daughter, Kerry, confirmed that her international experience as a child motivated her to pursue international interests as an adult. Cadet Freitas shares their interest in making the world a healthier and better place, and is looking forward to working in the global maritime or science and technology industry.

61 Bill Chipman (Engineering) lives in Petaluma. Since retiring in 2005 he and his wife, Monty, hiked the 2,650-mile Pacific Crest Trail twice and the 3,000-mile Central Divide Trail once, each over about four-and-a-half months. This summer they want to hike the Appalachian Trail. They also run an Awana Kids Club. He also wrote a novel, *The Third Way – God’s Love in Our Walk*, and provides spiritual support to inmates at three prisons. He reports he is having his second childhood.

I met with Larry McGovern (Engineering) in August. Larry was interested to see what changes have occurred since our 50th Class reunion in 2011. We visited the deck and engine simulators complete with instructors who explained their operation. Kudos to Jim Cozine (Deck, '61) who continues to be my best tracker of finding lost or hard-to-find classmates.

Congrats to Maynard Wilms (Engineering) who has a grandson now attending the Academy. That’s three generations of Wilms that have attended. I tried to interest my son in the Academy in '92 but he opted to be a USMC grunt after graduating from high school. He is now a captain in the California Army Reserves and served one year each in Afghanistan and Qatar in the Middle East. I tried to interest my oldest granddaughter in the Academy in 2017 but she chose to go to the University of Oregon. She’s now in her sophomore year as a Physics major. I asked her to try

eliminating the “plastic debris island in the Pacific”. So, that’s life and we all have to accept what our children and grandchildren want to do with their lives.

Still in touch with Paul Sunnergren (Engineering) who lives in Union City. Paul and I are regulars for making the Keema Alumni ‘Cosmic Society’ quarterly luncheons held on campus at the Academy’s dining center. Average attendance has been surprisingly great with numbers between 25 and 35 alumni. Guest speakers are from faculty or brought in from outside the Academy. I would say the alumni attending these luncheons span graduating class years from ‘56 thru ‘77. Bob Piazza (Engineering, ‘65) used to be in charge, but he recently moved to Idaho, leaving Bruce Hope (Engineering, ‘64), to take over. Paul Matheson and Cal Mock, from engineering class of ‘63 are among those who attend.

If my count is correct, there are only 45 Classmates remaining since we graduated in 1961. On another note....here’s hoping you



LARRY MCGOVERN AND BYRON BADER IN FRONT OF THE PROPELLER FROM THE SS *TRANSCHAMPLAIN* WHOSE CHIEF ENGINEER WAS OUR OWN JOHN WEST (ENGINEERING, '61). JOHN IS NOW A RHINESTONE COWBOY IN IDAHO WITH HIS WIFE, CAROL.

gifted something back to Cal Maritime (CMA to us) in 2019 for our professional job starts way back in 1961.

— by Byron Bader

64 The Class of 1964 held its 55th reunion on October 5. The event was well-represented with 41

attendees including 24 members of the class, their spouses and members of the Academy staff and several cadets. The event was especially important as the class celebrated exceeding its endowment goal of raising \$64,000 from the Class



The Class of 1964 held its 55th reunion on October 5.



of 1964. The Class of 1964 Endowment, which funds the Reserves Collection of the Cal Maritime Library, is specifically focused on purchasing and loaning expensive textbooks for the cadets' use in achieving their Cal Maritime and career goals.

A primary goal of the Class of 1964 was that its endowment would be shared by a number of cadets, rather than fund a single scholarship to an individual cadet. The class is proud that it has met that goal as — today — many cadets at Cal Maritime share the Reserves Collection. And, thanks to the generous contributions from its members, the class is now evaluating how its endowment could be expanded to support additional Cal Maritime library projects that would benefit all cadets. The Class of 1964 will be well-remembered in the Cal Maritime Library.

68 The Class of 1968 needs a new Class Scribe. Thank you, Jim Farr '68, for all your years of service to your class. If you are interested, please email alumni@csu.edu

Mike O'Hara (Deck) is still an active Pilot in Alaska.

91 Andrew H. Killion (Business Administration) has joined Bankers Investment Counseling as vice president. Killion started his career in financial securities as an account executive with Dean Witter in 1992. Killion is the founder of the VC Caregivers Sailathon. This unique boating event has raised tens of thousands of dollars for caregivers and volunteers assisting the elderly.

01 Gladys Diva Brown (Mechanical Engineering) was named Cal Maritime's WISTA (Women's International Shipping &

69 The Class of 1969 celebrated its 50th Reunion during Homecoming Weekend, October 11-13, 2019. On Friday evening, classmates joined for the Welcome Back Reception, then headed off to dinners on campus or other locations. Many enjoyed the sunny Saturday Homecoming events, while re-connecting with visiting classmates. The Saturday evening dinner in the Compass Room of the Dining Center was the highlight of the weekend, with more than 60 people in attendance! It was a great evening of old photos, memorabilia and shared stories, as well a moment of silence for deceased classmates. On Sunday, many classmates and family members enjoyed VIP status for Day on The Bay aboard TSGB. It was a great weekend and a good time was had by all! Three classmates have already offered suggestions and, as the result, have volunteered to be the core organizing committee for our 55th! — *by Ken Passé*

Trading Association) Student Chapter Distinguished Alumna.

Matthew E. Hobbs (Marine Engineering Technology, 01 and M.S., '17) is the new Water and Power operations manager of the Solano Irrigation District. Hobbs, a Solano County resident, has 15 years of operations and maintenance experience in the public and private sectors. He comes to the Solano

Irrigation District from Phillips 66 in Rodeo, where he served as a project engineer.

05 The U.S. Senate confirmed **Ryan Holte** (Facilities Engineering Technology) to the U.S. Court of Federal Claims. The Court handles cases where citizens claim the federal government owes them money over matters like taxes, military pay and contract claims. Each of

 **SUBMIT YOUR ALUMNI NEWS AT ALUMNI.CSUM.EDU**



(L-R) **TOM CLYATT** - E-82, **DAVE EFRON** (ENGINEERING, '82), **MIKE PEVEY** (ENGINEERING, '82), **BOB HAWKE** (ENGINEERING, '79), **RANDY ALLEN** (ENGINEERING, '82), **AL VOIGT** (ENGINEERING, '82) AT SAMUEL P. TAYLOR STATE PARK IN MARIN COUNTY, CALIFORNIA.



ALUMNI FROM CAL MARITIME'S MASTER OF SCIENCE IN TRANSPORTATION AND ENGINEERING MANAGEMENT PROGRAM GATHERED AT THE PUGET SOUND ALUMNI DINNER. (L-R BACK ROW) **CARL HOLMES**, **GEOFF DOERFLER**, **JOHN BETZ**, **RYAN SCHEIDEMANTLE**, AND **SCOTT MOSSINGER**. (FRONT) **KATHY ARNOLD**, **ANDREA TREPANIER**, AND **TOSCA BONARDI PINDER**.

the 16 judges on the court serves for a 15-year term.

10 Adil Ashiq (Global Studies and Maritime Affairs '10 / Marine Transportation '14) is the founder of the "Maritime Innovation Society of Los Angeles" (MISLA). The vision of MISLA is to connect, promote and educate professionals within the greater Maritime / Logistics industry about new technologies being developed to improve day-to-day operations.

"The maritime industry is ripe for digital innovation and I intend to see it through," said Ashiq.

Ashiq joined MarineTraffic as one of the origination's executive members, overseeing U.S. west coast operations &

growth. He is based in Los Angeles and seeks "to promote data intelligence which can help enable organizations to make better decisions and operate more efficiently."

Ramsey Brown (Mechanical Engineering), resource acquisition manager at Leidos, was named one of *Pacific Business News* 40 under 40 in Hawaii.

11 Bryan Buffaloe (Marine Transportation) won the national championship in advanced canopy piloting at the 2019 USPA National Skydiving Championships in North Carolina. Buffaloe is one of just 50 or so American skydivers who compete in the extreme sport, which requires

years of training and thousands of jumps to master precisely navigating, turning and landing in a narrowly plotted aerial course over water at speeds up to 75 miles an hour.

15 Scott Zane (International Business & Logistics) is serving as Military Sealift Command supply officer on the USS Mount Whitney. He is also the first MSC supply officer to serve as a search and rescue swimmer.



17 Zada McClendon (International Business & Logistics), has been selected for the Coast Guard Officer program.

20 Tim Aguirre (M.S. Transportation & Engineering Management), general manager for HMS Ferries was recognized for his work on Alabama's Gee's Bend Ferry. The historic ferry recently entered service after being converted from geared-diesel to become the first zero-emission, electric-powered passenger/car ferry in the United States.



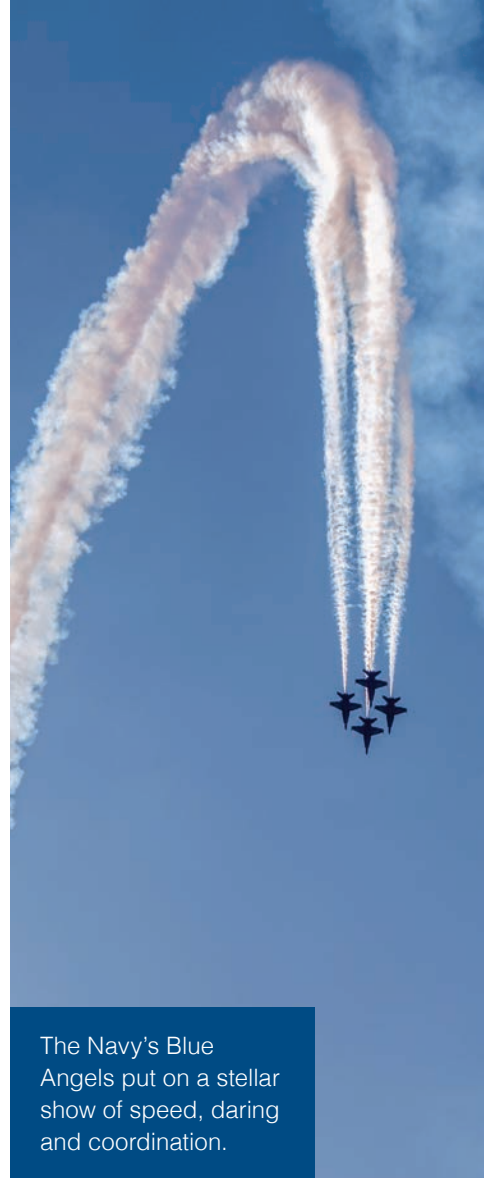
CAL MARITIME GRADUATES (L-R) **CPT. GERALD ANDERSON** (DECK, '91) AND **CPT. PAUL SCHULMAN** (DECK, '88) RECENTLY PARTICIPATED IN SEA TRIALS OF MATSON NAVIGATION'S NEWEST SHIP, *LUPLINE*, BEING BUILT AT NASSCO SHIPYARD IN SAN DIEGO.



THE PUGET SOUND ALUMNI DINNER RAISED MORE THAN \$6,000 IN SCHOLARSHIP FUNDS THIS YEAR.



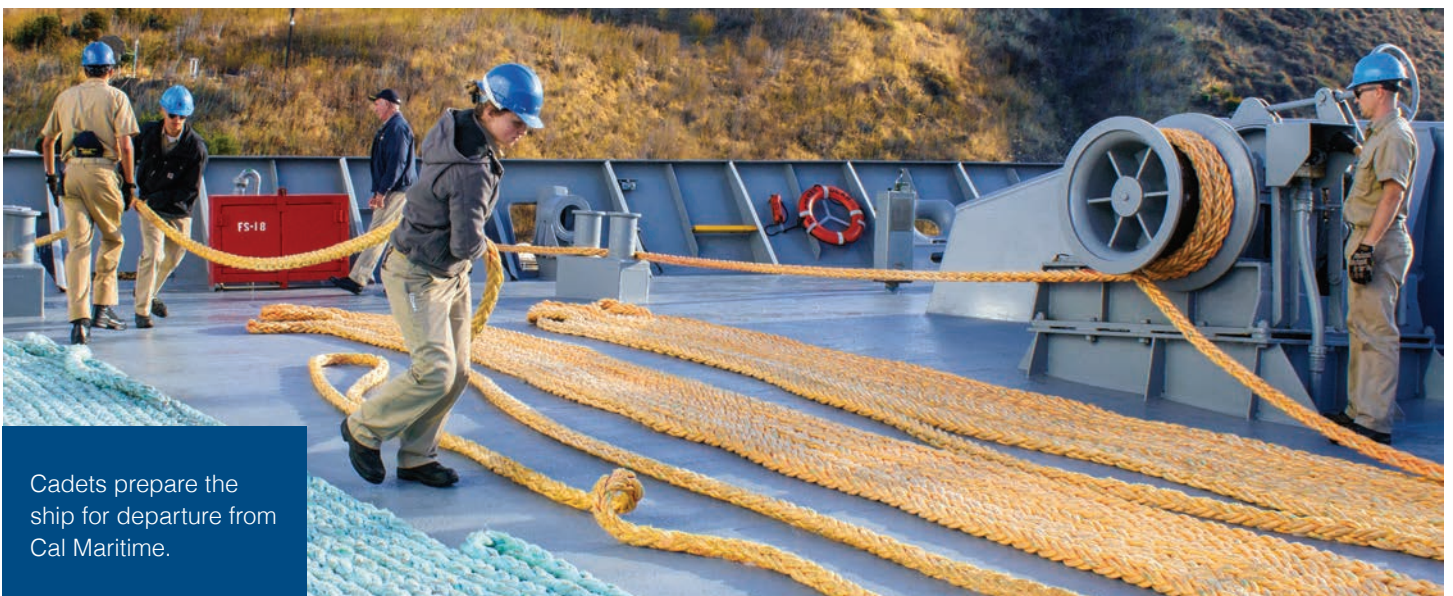
Cadet Second Mate **Flora van der Schoot** charting a course on the bridge.



The Navy's Blue Angels put on a stellar show of speed, daring and coordination.



As always, the pie eating contest drew a lot of enthusiastic contestants.



Cadets prepare the ship for departure from Cal Maritime.



Class of 1969



A young buckaroo holds on tight.



Members of the Class of '69 enjoy a beautiful October day.



Attendees were entertained throughout the day by the talented cover band "Code Blue."



People got to see the inner workings of the engine room during tours taking place throughout the day.



CLASS OF 1969

Extraordinary Bequest from David Posch

David Posch (Marine Engineering Technology) passed away on March 21, 2019, leaving the bulk of his estate to Cal Maritime. Posch, who worked for many years as a facilities engineer at the Veterans Home in Yountville, California, left the bequest of \$1,500,000 to Cal Maritime specifically without any restrictions because, he believed, “the University would know better than anyone else how to spend it.”

The bequest will be placed in the California Maritime Academy Foundation’s unrestricted endowment and will be one of the lead gifts in the \$40 million comprehensive campaign approved by the Foundation board of

directors in June. News of the bequest, one of the largest individual gifts ever made to Cal Maritime, was announced at the Class of 69’s 50th Reunion Dinner, and — as one attendee said — you could, “hear the sounds of jaws dropping.” Dave’s gift will have a lasting impact on Cal Maritime. Suitable recognition of Dave Posch and his extraordinary gesture will be announced at a later date.

CLASS OF 1945



Arthur John Young

died peacefully at home in San Luis Obispo on February 22, 2017 at the age of 94. Born in Brooklyn,

New York, in 1922, and he moved to California as a young child. Arthur graduated from Benicia High School where

he played football, wrote about sports, and was selected to attend Boys’ State. Encouraged by his high school principal, he continued his education at Cal Maritime.

As a Naval officer and maritime engineer, Arthur was often at sea. Among his most fervent memories was that of evacuating from Chosin, North Korea, the last of the battle-worn, frostbitten U.S. troops. He would never forget the image of the Marines throwing their weapons overboard as they proclaimed, “Never again!” In 1958 he moved to San Luis Obispo where for ensuing decades Arthur was happily employed as chief engineer at Cal Poly.

CLASS OF 1953



William (“Bill”)

Gahart passed away in his Napa home surrounded by his loving and beloved family on September 18,

2019. Bill was a wonderful and devoted husband, father, friend, and neighbor. He was a man of kindness, conviction, thoughtfulness, heart, and purpose.

Bill was born in Yoder, Colorado, in 1931, and his family was part of the Dust Bowl migration to California. He was raised in the Central Valley town of Exeter and cared for his mother and two younger brothers after his father died when Bill was 16. Bill was the first person in his family to attend college. While at the Academy, he met the love of his life, Betty, and they were married after his graduation in 1953. Bill then worked as a third mate on oil tankers. After a few years, in order to be with his growing family, Bill returned to school and earned a teaching credential from San Francisco State and began a successful and meaningful career as an educator in the Richmond Unified School District, mentoring and encouraging generations of students. His students will remember that he wore a red vest to school any day there was going to be a test in one of his classes. He subsequently earned a master’s degree and administrative credential from Hayward State. After more than 20 years of teaching, mostly at Richmond High School, he held several administrative positions and was appointed principal of the school in 1985. He retired in 1989.

From the first edition in 1973 until the 36th edition this spring, Bill was an additional set of eyes for accuracy by proof reading for Betty’s book, *Intravenous Medications*. He enjoyed his memberships in the Navy League and Sons in Retirement. Bill and Betty have lived in Napa since 1963. They particularly

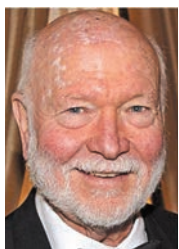
To submit information about Alumni and Friends of Cal Maritime who have Crossed the Final Bar, please visit WWW.ALUMNI.CSUM.EDU

enjoyed their extensive travels and their regular visits to Kona.

Bill is survived by his wife of 66 years, Betty; his five children—Marty (Sally) of Kensington, Maryland, Jeff (Terri) of Sonoma, Deborah (Jim) of Oakley, Richard (Mary) of Sunnyvale, and Teresa Bindewald of Napa; his 12 grandchildren—Meghan (Nate), Laurie, Alex, Anne (Andy), Kathryn, Lisa, Ben, Matthew, Claire, Neil, Scott, and Alan; and his three great-grandchildren—Robyn, Daniel, and Layla,

Donations in Bill's honor may be made to the California Maritime Academy Foundation.

CLASS OF 1956



James William "Jim" Bryant died September 1 after a long battle with cancer. He was 84. An early member of the California Maritime Academy Foundation Board, Bryant won the

Alumni Association's Lifetime Achievement Award and Distinguished Alumni Award and was a member of the Golden Bear Society.

A Tiburon resident since 1969, Mr. Bryant began his community service with his appointment to the Reed Union School District Board of Trustees in 1976. He was a charter member of the Rotary Club of Tiburon-Belvedere in 1977. Because that Rotary club met during the day, he founded Rotary Club of Tiburon Sunset in 1990 to accommodate those who could only meet in the evening. He served as the club treasurer until his death. He served as president of the Tiburon Peninsula Chamber of Commerce from 2001 to 2003 and afterward remained an active volunteer for the chamber's many activities, including its annual wine festival and, in the 1990s, the chili festival.

Bryant was born Feb. 21, 1935, in San Diego to John and Helen Bryant.

During World War II, when his father was stationed on a submarine, he lived with his family in Hawaii, Panama and Connecticut before returning to San Diego. Bryant attended Sweetwater High School near San Diego, where he played clarinet and led the marching band as drum major. After graduating from Cal Maritime, where he served as yearbook photographer, he was commissioned as a lieutenant junior grade in the U.S. Navy and served aboard the U.S.S. *Yorktown* in the engineering division.

Upon completion of service, Mr. Bryant went to work in sales for Roots-Dresser, an Ohio-based manufacturer of industrial machinery, first in San Francisco and then in the Midwest, where he met his late wife, Patricia, as a member of the Lakeshore Ski and Sports Club in Chicago. His work brought him back to the Bay Area about 1966. He worked for King Knight Co. in Emeryville and eventually started his own company, Advanced Engineering Sales, in Tiburon, operating out of a second-floor office overlooking the courtyard at The Boardwalk Shopping Center.

Bryant was a life member of the Corinthian Yacht Club and a member of the San Francisco Yacht Club since 1977. With classmates Gordon White and Jack Hammerland, he managed to attract several donations of yachts to the California Maritime Academy Foundation. One of the first yacht donations he arranged was his own sailboat, *Lady Jacqueline*.

Bryant is survived by three children, Shannon Bryant of San Francisco, John Bryant of Bolinas and Megan Edwards of Saugus; brother John Bryant of Los Osos; two grandchildren, Ethan and Caitlin; and many nephews and nieces. His wife, Patricia, died in 1977.

The family suggests that donations may be made to the California Maritime Academy Foundation in memory of Jim Bryant.



Gordon Squier White, 83, died June 29, 2019 at Piedmont Gardens in Oakland after a prolonged illness. He leaves his

son, Timothy White; his daughters Christy, Kerry, and Lockey White; five grandchildren; and many close friends. Born in Brooklyn, New York, the son of George Robert and Grace Sigrid (Hoelseth) White, Mr. White spent his formative years in San Diego, CA, graduating from La Jolla High School, and raised a family in Piedmont, California.

After attending Cal Maritime, he served as a naval officer stationed in Japan. He traveled the world as second mate in the U.S. Merchant Marine for many years and was a very active member of his union, The International Organization of Masters, Mates, and Pilots. He managed port projects around the world, including bringing containerization to the seaport in Kuwait while with Stanford Research Institute, helping to create the port in Yanbu, Saudi Arabia while with Parsons Inc., and modernizing ports in Mexico and Bangladesh in World Bank funded projects. Mr. White founded the California Maritime Academy Foundation and served as a project manager for Pacific Far East Lines and the Port of Oakland. As founder of Port Technologies International (PTI), Mr. White pioneered interactive training videos.

Mr. White was a devoted husband and father who passed his love of travel, art, and picnicking to his children. He is predeceased by his wife, Joan Woods White, former Society Editor for the San Francisco Examiner and Women's Editor for the Oakland Tribune. He served as president of the Rotary Club in Oakland and was a proud member of Piedmont Community Church, Lakeshore Baptist, and the Lake Merritt Breakfast Club.

CLASS OF 1960

Larry Allen Burkhalter, born May 17, 1939, grew up in Napa, California and graduated Napa High School in 1957. He studied marine engineering at Cal Maritime, serving in the Navy during the Bay of Pigs invasion. He went on to study business administration at San Jose State University, and earn an MBA at University of Hawaii. Burkhalter moved to Santiago, Chile in 1974, spending nearly half of his life there, working at the United Nations Economic Commission for Latin America and the Caribbean and teaching at the university. He was preceded in death by parents Anna Lois and Arthur Burkhalter, brother Gene Burkhalter, and sister Docia Dianne Geri. Burkhalter is survived by wife Isabel Margarita Silva Vilches and her two adoring daughters, as well as his loving nieces Jennifer (Geri) McGill and Anne Geri Butcher.

CLASS OF 1970

Allan Espey of La Grande, Oregon, passed away on Thursday, August 15, 2019. Espey was born on November 18, 1949 in Los Angeles. He attended Luther Burbank High School in Sacramento. He was predeceased by his parents, Bert and Betty Smith Espey (formerly of Applegate), and his sister Allison Painter. He is survived by his brother Jae. Espey retired from the State of California as a data analyst.

CLASS OF 1996

Jermaine Derrell "JT" Turner, Sr. was born November 26th, 1971 to Robert and Verdie Turner in Fresno, California. He is the eldest of five children. He began his early education in Houma, Louisiana, continued his intermediate education at Pinole Middle and high school education at De Anza High School. He made history by becoming the Cal Maritime's first African American corps commander. Turner also joined the Epsilon Chapter of the fraternal brotherhood, Alpha Phi Alpha. During his years at the Academy, he met the love of his life, Nicole Lott. They began their life's journey together, marrying on May 18th, 2002.

Turner was a successful businessman, owning JT's Payroll Accounting & Tax Services, Yellow Hammer Construction Co., and contracting globally with the U.S. government. Turner earned his reputation as a reliable, hard-working family man who gained the respect of those around him. He passed on from this earth on Tuesday, January 29th, 2019. Preceding him in death are his paternal grandparents, Billie Willie and Mary Emma Turner, and his maternal grandparents, Otis and Mary Johnson. Jermaine is

survived by his wife, Nicole Turner, and his children, Jermaine Turner Jr. of Phoenix, Arizona, Dy'Ana Turner, Jaylan Turner and Jordan Turner all of Houston, Texas. He is also survived by one grandson, Jaxson Turner. Jermaine also leaves, his parents, Robert Turner Sr. of New York and Verdie Turner of California, mother-in-law Barbara Penn of Alabama, his brothers, Ishcabatz Turner, Robert Turner and Dexter Lott, his sisters Delphia Robinson, Tisha Turner and Jamillia Lott, all of California. ↓

Giving Back



THE CONTAINERIZATION & INTERMODAL INSTITUTE AWARDED SCHOLARSHIPS AT ITS ANNUAL CONNIE AWARDS DINNER IN LONG BEACH. FOUR CAL MARITIME CADETS RECEIVED THE THOMAS B. CROWLEY SR. MEMORIAL SCHOLARSHIP AWARDS FROM CROWLEY MARITIME CORPORATION (L-R **JAMES KLING, SAMUEL COMERFORD, JEWEL MCCLAIN, SPENCER HOFFMAN**). THE CAL MARITIME GENERAL SCHOLARSHIP FUND RECEIVED AN AWARD EACH FROM MATSON NAVIGATION COMPANY, INC. AND NORTON LILY INTERNATIONAL.



TONY DEL GAVIO, PRESIDENT OF DEL GAVIO SHIP REPAIR, AND SON NICK PRESENT CAL MARITIME WITH A \$10,000 CHECK DONATION AT THE SOCIETY OF PORT ENGINEERS SAN FRANCISCO DINNER. (L TO R: TONY DEL GAVIO, KELLY BODEMAN, PRESIDENT TOM CROPPER, IVY PORRAS, NICK DEL GAVIO)

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FRIENDS OF THE ACADEMY

David H. Grover died on May 19, 2019 at his home at Canterbury Woods, Pacific Grove, at the age of 93. Grover was named academic dean of Cal Maritime in 1972. He was born in New York and spent his early years in Tulsa, Oklahoma, where he met his wife, the former Marilyn Barnett, of Cheyenne, Wyoming. During World War II, he graduated from the U.S. Merchant Marine Academy and spent the next several years at sea as both a Naval Reserve and Merchant Marine Officer. He later earned degrees from Colorado State University, the University of Colorado, and the University of Oregon, and spent the balance of his career as an educator in several western states.

He retired from the state of California as a higher education specialist in 1983, and returned to the sea as an officer on a seagoing dredge. After retirement he began a second career as a writer. He founded Western Maritime Press, based in Napa, and wrote six books on maritime history. He previously had written two books on western history and in the three decades after retirement produced numerous articles on maritime and naval history, several of which were co-authored with his children and grandchildren.

He and his wife Marilyn were active parishioners at St. Mary's Episcopal Church until 2016 when they moved to the Episcopal senior community in Pacific Grove.

Grover is survived by his wife of 69 years, Marilyn; his daughters Gretchen MacDonald of Talkeetna, Alaska, Dr. Jill Olla of Waldport, Oregon, and Becky Anderson of Calabasas, California; three grandchildren: Dr. Casey Grover of Monterey, California, Bonnie Knecht of Calabasas, California and Veronica Anderson of Houston, Texas; and three great-grandchildren. He was preceded in death by his son Jeffery of Pebble Beach.

David Freeman Sears was born to Kenneth and Jane Sears on July 28, 1937 in Seattle, Washington. He was raised in Seattle, in Portland Oregon, and in Stockton, California. He graduated from Stockton College High School in 1955 and attended the U.S. Naval Academy from 1955 until his graduation with highest honors in 1959. After serving on a destroyer for 38 months, he married his college sweetheart, Catherine Neos of Bethlehem Pennsylvania, in September of 1962 while they were en route to Submarine training in Groton, Connecticut. They served in the submarine service for the next 17 years, culminating in four years as commanding officer on the USS *Will Rogers* (SSBN-659) followed by two years as the current strategic operations officer on the staff of the commander in chief, Atlantic. From this position they retired and moved to Vallejo, California in 1979. While in the Navy they were blessed with nine children: David of Elk Grove (Teri), Nichola of Loyaltown (Shawn),



Jason of Elk Grove (Edith), Anna of Ojai, Raechelle of Elk Grove (Kevin), Jonathan of Vallejo, Rebekah of Elk Grove (Doug) James of Benicia, and Michael of Chico (Leah). After leaving the naval service they added Audrell of Vacaville to the family. They were then blessed with 21 grandchildren and three great-grandchildren.

Following retirement from the Navy, David became a professor at the California Maritime Academy for 25 years. David retired as a Professor Emeritus in 2005 and could be seen around town as a volunteer for the Benicia Police Department. David is survived by his brother, Murven (Helen) of Mendocino, California, and many nieces and nephews.

The Summer 2019 edition contained incorrect information on the passing of Martin Ivar Block, class of 1959. Mr. Block passed away on January 11, 2019.



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Kimberly and Ken Galloway
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David Ginilo '11
Cindy and Steven Goebels
Brian Goldman '95

Mark Goodrich
Naidene Graham
Jonah Grier '18
Lisa Griffin
Ann Grove
Ruby Grover '15
Lesli and Alex Guerrero
Margery and Donald Gurke '57
Cindy Hancox
Katie Hansen
Donna and Carl Hanson '68
Bryan Harris
Larry Harrison '67
Robert Hartsock
Hans Hasche-Kluender
Tim and Susan Hepburn
Lora and Dave Herman '85
Bridget Hicks
Norwin and Jeff Hoelscher '91
Karin and Erik Hohl '87
Karen and Pat Hollister
Tanya and Bill Hoppes
Kristina and Kent Howell '81
Susan and Dave Huff '72
Linda Hunt
Corey Hur
John and Susan Hutchison '56
Heather Hyde
Elizabeth Hyden
Jeannette and Ed Iovino
Pati and Mike Irish '79
Kathi and Donald Isler '78
Eileen and Robbie Jackson '76
Cheryl and Michael Jacobs-Bonnett
Mandy and Sean Jenkins
Ofelia and Dennis Jepsen
Annie Johnson
Alma and Michael Joia '91
Marti and Mike Jones '86
Ryan Julian
Nipoli Kamdar
Barbara Kamps
Larry Keen '59
Lindy Morris Keever '79 and John Keever '70
Heidi and Jeff Keihl
Brooke and Bobby King
Jim and Kathleen Kiriakis

Geraldine Knatz
Mitchell Kobayashi
Shirley Kohlwes
Julie Koo
Alex Krauter '17
Robert Kunst
Ginny and Justin Kyles
Lynn and Jim Lackey '79
Lynn and Brian Lamb
Nathalie and Edward Lambert
Charles Lampman '59
Lindsey and Stephen Lederer
Sui Lin Lee
Jason Lenigk
Mary and Reiner Lenigk
Ralph Levin '46
Danielle and Kyle Lewis '12
Elle and Nicholas Lewis
Margaret Kirby and Frank Lindsay '76
Anna and Alphonse Lipski
Local Independent Charities of America
Adam Loff '90
Chau Luong
Emily and Darryl Mack
Heidi and John Mackenbach
Stefano Maffei '19
Alexa Magda
Patrick Maher '04
Johnna Marlow
Susan and John Marsett
Laurel and Stephen Mastro
Pascha McAlister '07
Linda and Raymond McAlister '69
Chelsea McClain
Richard McCloud
Kate McCue '00
Pete McGroarty
Hugh McIntyre
Mollie McQuiston

Donald McVicar
Maria and Jesus Mercader
Wallace Mersereau
Judy and Vic Mershon '64
Elizabeth and Chuck Meyer '81
Patricia and John Meyers
Suanne and Edward Miller
Kris and Tom Minnick
Suzanne and Adam Moilanen '85
Michael Monroe
Lyle Moore
Morty Morgan
Peter Morway '72
Maya and Don Mrla '92
Tabitha and Philip Munsch '80
JoEllen Myslik
Mary and Paul Nave '69
Network for Good
Rachel Neuharth '16
Sandra and David Nolan '80
Darlene Nolte
James O'Reilly '60
George Osha
Donna and Eric Pahl
Lyneigh and Daren Palacios
Steven Palmer
Rhonda Pate
Kathryn and Robert Payne '64
Penny and Bob Piazza '65
Mary and Robert Polito
Michael Potter
R & E International
Beatriz Rebollar '14

#20

25 Top Public Colleges with the Highest-Earning Graduates
Forbes

#1

Public College in California and #17 Among All U.S. Colleges for Return on Investment 10 and 40 Years after Enrollment
Georgetown University Center on Education and Workforce

Susan Reynolds
 Rob Rhea
 Harriet Kohn and Jack Rockafellow '67
 Pattie Dunham and Rich Rockwood '75
 John Rodgers '72
 Liz Rogers
 Jennifer and Bryan Rooney
 Sharon and Larry Russon '65
 Ryan Ruvald '11
 William Sales '44
 Linda and Jeff Salfen '63
 Eloisa Sanchez '17
 Marjorie Trens and Henry Scharf
 Ryan Scheidemantle '16
 Mike Schindler '07
 Jennifer Schmid '93
 Devin Schumacher '17
 Stacey Sebourn
 Robin and Edward Selfe
 Samuel Shaw '76
 Joanie Jensen and David Shoemaker '83
 Matthew Shotwell '06
 Helen and Gordon Simmons '60
 Janice and Darryl Smith '54
 Meaghan Smith
 Regina and Tom Snyder
 Mark Sokach '18
 Sharon and Lloyd Sorensen '60
 Jessica Sotuyo-Torres '11 and Arthur Torres
 Christine and Neil Southerington
 Keegan Steele '17
 Kriss and Jim Stillman '68
 Gary Stoffels '69
 Marlene and Ryan Storz '07
 Mike Strange
 Brenton Stutler '11
 Nancy and Roger Sylvester '57
 Erika and David Taliaferro
 Steven Taverna '84
 Bryan Taylor
 The Boeing Co.
 Clement and Tracey Tillion
 Julianne Tolson
 Peter Tong '16

John and Patsy Tsai
 Nicholas Tuffillaro
 Karen and John Tusting
 Adam Tuten '16
 Michele Van Hoeck
 Daniel Venter
 Diane and Joe Venturini '53
 Sharon and Tiovo Villman '61
 Robin Viso '04
 Darci and Jason Vogel '05
 Howard Waldvogel
 Will Wambsgans '15
 Shirley Wang
 Doug Ware '62
 Monique Watanabe '10
 Kathleen and Victor Waters '64
 Judith and Norman Werner '63
 Wren Wescoatt '67
 Anna Varley and Mike White
 Lara Wilcox
 Helen and Maynard Wilms '61
 Tyrone Wise
 Dave Wolf-Buck
 Tyler Wolk '13
 Drew Yarbrough '10
 Helen Yee
 Diane Zablotzky
 Greg Zeligman '05
 Brett Zimmer '13
Up to \$99
 Richard Abrams '66
 Angeli Acosta
 Jack Alderson '56
 Cathe and Darrell Anderson '90
 Lenee and Doug Arnett
 Gary Barker
 Tom Bartee
 Shannon Beckler
 Joseph Belman '18
 Cathy and Larry Bienati
 Allen Birnbach
 Stephanie Bishop '01
 Sandy and Martin Block '59
 Jen Boswell '19
 Barbara and Carl Bowler '59
 Joseph Bridges '76
 Richelle and Tom Brown '94

Jim Bryant '56
 Julie and Mark Buser '91
 Colin Camisasca
 Susan and TK Clarke '69
 Mayra Corrales '18
 Alan and Saralina Cox '59
 Janice Curtin
 Susan and Ian Cuthbertson '75
 Sophia and John Da Luz
 Patrick Dackins '17
 Diane DeWeese
 Jonathan DiBacco
 Sheri and Geoff Doerfler '13
 Linda and Donald Doyle
 Greg Dronkert '84
 Annette and Bill Dullea
 Patrick Dungo '15
 Rose and Jon Eaton '70
 Daniel Eberhardt '13
 Janet and Jim Eddy
 Peter Eggers
 Louise and Charlie Eilhardt '66
 Teresa and Gregg Erickson
 Pam and David Etscheid '68
 Doug Fiscus '71
 Jacqueline and Bill Fleming '58
 Teena Foster
 Mary Frake-Minar
 Jan and Sean Gabe '76
 Angelica Garcia
 Darlene and George Garcia '88
 Stephanie and Randy Glaeser '03
 Kathy and Bernard Glienke
 Dennis and Lynda Gregor '65
 Kristie Greiss
 Preet and Daman Grewal
 Nate Griffin '17
 Rolando Haluag
 Beth Hand
 Cynthia and Robert Hendsch '68
 Joel Henning '09
 Christopher Hickman
 Steve Hillyard '63
 Hans Hoffman
 Valerie Holl McGowan '11 and Robert McGowan

Tari Houston-Collins
 Kendall Howell
 Austin Hoy
 Mary Lee and Michael Huntsinger '63
 Christine D. Isakson '01
 Marie and Art Johnson '61
 Allison Jolls '09
 Alex Jones
 Nansie and Ray Jubitz '65
 Catherine Kam Ho and Harry Ho
 Michele Keenan
 Bill and Jackie Kenny
 Mary Lou and Bill Keyworth '66
 Kathleen and Behzad Khosravi
 Adam Kilburn '97
 Kate Kimble-Tuszynski
 Elaine Kociolek
 Phoebe Kwan
 Sheila Maude LaFleur '02 and Mike LaFleur
 Tammie Lasiter '94
 Jacob Lassila '18
 Betsy and Mike LaTorre '68
 Erica Lichty '01
 Shawnna Lines
 Lupe Lozano
 Edward Ludwick '64
 Joan and John Lynn '54
 Don Maier
 Carter Maltese '19
 Bonnie and Paul Matheson '63
 Jan and Brian Maxwell '65
 Julie McComb
 Brian McInerney '84
 Bets McNie '94
 Laddie Meairs '42
 Maria and Edison Medina
 Gregory Melanson '68
 Tanya and George Migay '64
 Valerie and David Mighetto '80
 Demetra Miller
 Yarely Miramontes '17
 Cal Mock '63
 MOD Super Fast Pizza, LLC
 Adam Moine '16
 Rachel and Andrew Moine
 Amber Morley

Wendie Morris
 Richard Munoz '18
 Gretchen and Ted Musselman '88
 Dianne Obeso
 Susan and Edmund Oca
 Jeff Olmstead '75
 Diane and Hayes Orender '60
 Carolyn Cannon and Michael Ostling '68
 Elizabeth and Scott Papineau
 Theresa and Ron Paradis
 Christine and Alex Parker
 Elizabeth and Michael Patrick '92
 Wanda and Chris Pezzaglia '64
 Erin Pierson '02
 Susan and John Pierson
 Carolyn Raber
 Myrna Rasmussen and Michael Mandelkern
 Patricia Rede
 Elizabeth Barros Redmon '11
 Fatima and Uriel Rios
 Tecia and Hank Ryan '66
 Henry Scharf '05
 Jensen Self
 Tyler Sevigny '17
 Michelle and Michael Shackelford
 Grant Shatto '17
 Diane Sieving
 Marna Sifuentes
 Donna Simon
 Jennifer Sinex
 Luann Skanes
 JoAnne Skinner

1
of the 66 Gold Level Winners of the NAIA Character Five-Star Institution Award
National Association of Intercollegiate Athletics

Malik Sooch
 Jack Speckels '74
 Christina Stach '18
 Gayle and Stephen
 Stephenson '58
 Betsy and Ron Stone '63
 Alex Storton '15
 Sandra and Jim
 Sundfors '65
 Connie and Paul
 Sunnergren '61
 Clark Swarhout '62
 Jan Tanja
 Michael Tanja
 Larry Teague '63
 William Tsai
 Wilson Tsai '12
 Valley Corvettes of Turlock
 Kevin Van Lohuizen '12
 Frances and Piet Van
 Os '07
 Peter Veasey '78
 Ralph and Sue
 Vicente '60
 Peernut Visetsuth
 Adam Vokac
 Chris Walker '99
 Cora Wallace
 Mary and Kenneth
 Wallace
 Martha and Jamie
 Wangeline
 Suky and Rich
 Watkins '62
 Christiane and Eric
 Weber '10
 Kylie Webster
 Cynthia and Dennis
 Welch '75
 Gwendolyn and Jeffrey
 Werner
 Shannon and John Wetzel
 Quentin Williams '18
 Arunee and Paul
 Wilson '80
 Jane and John Zimmer

Alumni Donors BY CLASS YEAR

Class of 1942

Laddie Meairs

Class of 1944

Jim Hodges
 William Sales

Class of 1946

Ralph Levin

Class of 1953

Rolf Anderson
 Joe Ban
 Jack Lindley
 Joe Venturini

Class of 1954

John Cade
 John Creech
 Lowell English
 John Lynn
 Darryl Smith
 Jo Swerling

Class of 1955

Bill Rider
 Bob Semans
 Jim Spotts
 David York

Class of 1956

Jack Alderson
 Jim Bryant
 John Hutchison

Class of 1957

John Barrett
 Donald Gurke
 K.H. Mao
 John Mikesell
 Roger Sylvester
 Arthur Thomas

Class of 1958

Harold Botkins
 James Dafoe
 Bill Fleming
 Stephen Stephenson

Class of 1959

Tom Armstrong
 Norman Benedict
 Martin Block
 Carl Bowler
 Alan Cox
 Larry Keen
 Charles Lampman
 Pat Mellier

Class of 1960

Warren Dale
 Jack Going
 James O'Reilly
 Hayes Orender
 Gordon Simmons
 Lloyd Sorensen
 Ralph Vicente

Class of 1961

Byron Bader
 Art Johnson
 Paul Sunnergren
 Tiovo Villman
 Maynard Willms

Class of 1962

Jerry Aspland
 Gerald Gnatkowski
 Clark Swarhout
 Bill Thomson
 Doug Ware
 Rich Watkins
 Dave Winter
 Jim Wright

Class of 1963

Manny Aschemeyer
 Withold Johann
 Brazinskaskas
 John Donahue
 Bob Exner
 Jim Frane
 Steve Hillyard
 Michael Huntsinger
 Paul Matheson
 Cal Mock
 Jeff Salfen
 Ron Stone
 Larry Teague
 Norman Werner

Class of 1964

David Behr
 Karl Eckhardt
 Edward Engemann
 Pete Estabrook
 Bob Hanelt
 Edward Higgins
 Bruce Hope
 Edward Ludwick
 John Lunkes
 Lou Matta
 Bruce McNulty
 Vic Mershon
 George Migay
 Monty Montague
 Robert Payne
 Chris Pezzaglia
 Leonard Stenback
 Victor Waters

Class of 1965

Walt Bell
 Richard Branch
 Dennis Gregor
 Walter Hayashi
 Ray Jubitz
 Brian Maxwell
 Bob Piazza
 William Ransford
 Larry Russon
 Jim Sundfors

Class of 1966

Richard Abrams
 Terry Adair
 Daniel Collins
 Charlie Eilhardt
 Bill Keyworth
 Hank Ryan

Class of 1967

Gary Fleeeger
 Steve Francone
 Larry Harrison
 Wren Wescoatt
 Charlie Walther
 Jack Rockafellow

Class of 1968

Harry Auld
 Kip Carlson
 Teddy Ellerman
 David Etscheid
 Carl Hanson
 Sam Hartshorn
 Robert Hendsch
 Mike LaTorre
 Gregory Melanson
 Bob Monaco
 Mike Murphy
 Michael O'Hara
 Michael Ostling
 Denny Rement
 David Rietmann
 JC Rodgers
 Jim Stillman
 Tom Vilas

Class of 1969

TK Clarke
 Don Clarkson
 Joe Conway
 Edward Ferranto
 Chris Grow
 Raymond McAlister
 Paul Nave
 Ken Passé
 Bob Reynolds
 Gary Stoffels
 John Urbanik
 Bill Wright

Class of 1970

Barry Barrett
 Jon Eaton
 Dean Gridley
 John Keever
 Randy Morton
 Jack Orme
 John Strimpel

Class of 1971

Doug Fiscus
 David Owen

Class of 1972

Jim Eldridge
 Dave Huff
 Peter Morway
 John Rodgers
 Greg Turner
 Steve Fedornak

Class of 1973

Richard Oravetz
 Robert Papenhausen
 Lonnie Walter

Class of 1974

Bill Calvet
 Jack Speckels

Class of 1975

Matt Anderson
 Ian Cuthbertson
 Jeff Olmstead
 Dennis Welch
 Rich Rockwood

Class of 1976

Tom Brammer
 Joseph Bridges
 Sean Gabe
 Robbie Jackson
 Justin Johnson
 Scott Jones
 Larry Korwatch
 Lynn (Fivey) Korwatch
 Frank Lindsay
 Jim Morgan
 Alan Reid
 Mike Rubino
 Samuel Shaw
 John Betz

Class of 1977

Steve Roberts
 Class of 1978
 Bill Andrew
 David Boatner
 Donald Isler
 Peter Veasey

Class of 1979

Phil Delfin
 Mike Irish
 Lindy (Morris) Keever
 Steve Kreta
 Jim Lackey
 Linda (Stich) Viens
 Herbert Wadsworth

Class of 1980

David Burton
 Marc Aikin
 Timothy Coombs
 Dan Jordan
 David Mighetto
 Philip Munsch
 David Nolan
 Paul Wilson

Class of 1981

Britt Elliott
 Kent Howell
 Chuck Meyer

Class of 1982

Marc Bayer
 Steven Rose

Class of 1983

John Carlier
 Scott Merritt
 David Ridge
 David Shoemaker
 Bill Schopp

#4

**50 Most
 Affordable
 Colleges with
 the Best Return
 Affordable
 Schools.net**

Class of 1984

Greg Dronkert
Bill Dunbar
Brian McInerney
Steven Taverna
Dan Weinstock

Class of 1985

Brian Cunningham
Dennis Deisinger
Jeff Hawke
Dave Herman
Alan Johnson
Adam Moilanen

Class of 1986

Jon Furukawa
Vincent Guinnane
Mike Jones

Class of 1987

Ed Barnes
Erik Hohl
Holly (Fuerstenberg) Osen

Class of 1988

Chris Farrell
George Garcia
Tom Jacobsen
Anne McIntyre
Ted Musselman

Class of 1989

Robert Orender
Steve Teague

Class of 1990

Darrell Anderson
Jim Fisker-Andersen
Adam Loff

Class of 1991

Mark Buser
Kevin Garnier
Jeff Hoelscher
Michael Joia

Class of 1992

Don Mrla
Michael Patrick
Chris Woodle

Class of 1993

Eric Brady
Jennifer Schmid
Jeff Spagg

Class of 1994

Tom Brown
Ivo Labar
Tammie Lasiter
Bets McNie

Class of 1995

Brian Goldman
Hank Lindemann
Todd Roberts
Kirk E. Moehle

Class of 1997

Adam Kilburn

Class of 1999

Jake Crawford
Chris Walker

Class of 2000

Kate McCue

Class of 2001

Stephanie Bishop
Gladys Diva Brown
Christine D. Isakson
Erica Lichty
Chris Thomas
Maggie Williams

Class of 2002

Romen Cross
James Dalske
Sheila (Maude) LaFleur
Erin Pierson

Class of 2003

Cameron Clark
Forsey Forsberg
Randy Glaeser
Robert Goldsworthy
Dave Kahm
Max Rosenberg
Devon (Kincanon)
Shellhorn

Class of 2004

Garrett Adams
Patrick Maher
Matthew Sardisco
Robin Viso

Class of 2005

Eric Cooper
Michael Dockter
Orrin Favro
Matt Trujillo
Jason Vogel
Greg Zeligman
Henry Scharf

Class of 2006

Blake Amon
Matthew Shotwell
Coulston Van Gundy
Holly (Johnson) Van
Gundy
Amanda Wallace

Class of 2007

Pascha McAlister
Mike Schindler
Ryan Storz
Piet Van Os

Class of 2008

Kuulei (Thomas) Galatioto

Class of 2009

Joel Henning
Allison Jolls
Trevor Lapham
Chris Flannery

Class of 2010

KC Korwatch
Monique Watanabe
Eric Weber
Nicholas Wulf
Drew Yarbrough

Class of 2011

Sean Connelly
Jason Dobbins
Jennifer (Baker) Dobbins
John Galatioto
David Ginilo
Valerie Holl McGowan
Elizabeth (Barros)
Redmon
Ryan Ruvald
Brenton Stutler
Jessica Sotuyo-Torres

Class of 2012

Michael Diddams
Gideon Duran
Kyle Lewis
Wilson Tsai
Kevin Van Lohuizen

Class of 2013

Nicholas Balestra
Geoff Doerfler
Daniel Eberhardt
Paula Tuziak
Tyler Wolk
Brett Zimmer

Class of 2014

Alexandra Jewell
Philip Maksim
Fay Plummer
Beatriz Rebollar

Class of 2015

Miguel Camacho
Patrick Dungo
Konner (Triplet-Gold)
Edmiston

Ruby Grover
Sandra (Franco) Maksim
Alex Storton
Will Wambsgans
Brian Edmiston

Class of 2016

Joseph Burrell
Jose Gonzalez
Carl Holmes
Adam Moine
Rachel Neuharth
Tomas Pierson Perez
Ryan Scheidemantle
Peter Tong
Adam Tuten

Class of 2017

Patrick Dackins
Nate Griffin
Alex Krauter
Yarely Miramontes
Eloisa Sanchez
Devin Schumacher
Tyler Sevigny
Grant Shatto
Keegan Steele

Class of 2018

Joseph Belman
Mayra Corrales
Sean Carroll
Jonah Grier
Jacob Lassila
Richard Munoz
Mark Sokach
Christina Stach
Quentin Williams

Class of 2019

Stefano Maffei
Carter Maltese
Jen Boswell

Matching Gift Companies

2018-2019

We are grateful to the following companies and corporate foundations that have matched their employees' annual gifts:

- Andeavor
- Andeavor Foundation Inc.
- Bank of America Matching Gifts Program
- Chevron Corporation
- Chevron Humankind - Matching Gift Program
- Chevron Shipping Company LLC
- FM Global Foundation
- Foss Maritime Company, LLC
- IBM International Foundation
- Kaiser Permanente Medical Center
- Los Alamos National Laboratory
- PG & E Matching Gifts Program
- SPX Foundation
- State Farm Insurance
- The Benevity Community Impact Fund
- The Boeing Co.
- United Way of Santa Fe County
- Verizon Foundation
- Wells Fargo Foundation

Alumni Donor Participation Rates BY CLASS YEAR

1942 17%	1965 21%	1979 8%	2000 2%	2010 7%
1944 11%	1966 18%	1980 7%	2001 7%	2011 8%
1953 24%	1967 12%	1981 5%	2002 8%	2012 3%
1954 30%	1968 21%	1982 3%	2003 9%	2013 5%
1955 22%	1969 23%	1983 6%	2004 7%	2014 3%
1956 13%	1970 11%	1984 5%	2005 9%	2015 5%
1957 32%	1971 4%	1985 9%	2006 4%	2016 5%
1958 25%	1972 15%	1986 7%	2007 6%	2017 6%
1959 22%	1973 7%	1987 7%	2008 2%	2018 6%
1960 22%	1974 6%	1988 6%	2009 6%	
1961 11%	1975 16%	1989 10%		
1962 19%	1976 18%	1990 5%		
1963 24%	1977 20%	1991 5%		
1964 34%	1978 7%	1992 5%		
		1993 5%		
		1994 5%		
		1995 5%		
		1997 4%		
		1998 2%		
		1999 8%		

Alumni Giving Challenge

Most Dollars Raised

Class of 1970

Greatest Increase in Dollars Raised

Class of 1970

Greatest Class Participation

Class of 1964

Greatest Increase in Class Participation

Class of 1976

CAL MARITIME THE FIRST 90 YEARS



by author and historian **Dr. Gary W. Reichard**

A COMPREHENSIVE LOOK AT THE ACADEMY'S PROUD HISTORY,
ILLUSTRATED WITH ARTIFACTS AND PHOTOS FROM THE CAMPUS ARCHIVES.

Available now at www.csum.edu/90th

Gifts Made in Honor 2018-2019

Zachary D. Anderson

Cathe and Darrell
Anderson '90

Ashley N. Bear '19

Becky and Ronald Johnston

Nicholas Bear '19

Becky and Ronald Johnston

John A. Bulaich '19

Lori and John Bulaich

Mr. Eric S. Cooper '05

Annabel Cooper

Robert A. Gehring, III

Mary Ann Gehring

Ryan R. Harris '19

Desiree Domingo-Foraste
David Harris

Wesley Harris '19

Desiree Domingo-Foraste
David Harris

Dick Hegeman '59

Dave Hegeman '95

Jim Hodges '44

Tom and Heather Cropper

Howard D. Jackson

Helen Yee

Jacob A. Jenkins

Mandy and Sean Jenkins

Aaron M. Lamb '18

Lynn and Brian Lamb

**CSU Maritime
Academy Marine
Engineering Program**

Jon Haskett '81

Daynon B. Matthews

Ginny and Justin Kyles

Eugene H. Patrick '55

Elizabeth and Michael
Patrick '92

Matthew E. Schmidt

Mary and Hugo Schmidt

Tom Tran, Jr.

Sui Lin Lee

Mala'e L. Wilcox '19

Lara Wilcox

Gifts Made in Memory 2018-2019

William H. Aguilar '34

Greg Turner '72

Donovan Baker '93

George Osha

Michael Bates

Bob Bates

George H. Bauer '53

Diane and Joe Venturini '53

Martin I. Block '59

Saralina and Alan Cox '59
Beth Hand
Pat Mellier '59

Peter Bonebakker '68

Susan Bonebakker

Richard W. Branch, Sr.

Donna and Richard
Branch '65

James R. Chambers '46

Kitty Chambers

Blake A. Coney '80

Tom Vilas '68

Eleanor Davey

Liz and Mike Rubino '76

Anthony Demaria, Sr.

Society of Port Engineers, Los
Angeles/Long Beach

Kelly Doyle

Linda and Donald Doyle

James F. Drahos '65

John Porter '65

Roger P. Eggers '00

Peter Eggers

Stephen P. Evans '02

Lee Anne and Philip Evans

Joe Ewers '65

John Porter '65

Donald M. Fraser

Tom Bartee

Charles L. Hand '59

Sandy and Martin Block '59

Bill Hegeman '56

Dave Hegeman '95

Peter Jaarsma '61

Marcia Jaarsma

Thomas A. Jensen '71

David Owen '71

Craig Karasky '46

Gwendolyn and
Jeffrey Werner

Tony Keihl '62

Marna Sifuentes

Dale and Anita Larson

Michael Bernardin

Ralph Levin '46

Kitty Chambers

Denny McLeod '46

Kitty Chambers

John S. Machado

Dave Kahm '03

Brian Medforth

Robert Kunst

Jack Meehan '13

Betsy Blackburn
Leanne and Howard Englander
Mary Frake-Minar
Cindy and Steven Goebels
Elizabeth Hyden
Laura Tobin and Charles May
Robin and Edward Selfe

Edwin C. Miller '34

Marian and Bruce
McNulty '64

Kenneth D. Moore '54

Heather Hyde

Jackson Mosher, Sr.

Jennifer Mosher

Dwight D. Peters '61

Central California Corvette Club
Hans Hoffman
Helen and Gordon Simmons '60
Valley Corvettes of Turlock
Mary and Kenneth Wallace

William Morris

Wendie Morris

Jeffrey Quinn '63

Dianne Obeso

Kenny Rivers '17

Devin Schumacher '17

Joseph Rizza

Michael Monroe '79

Steven M. Wallace '68

Tom Vilas '68

Grants & Contracts 2018-2019

California State University Maritime Academy faculty and students engage in an exceptional breadth of vibrant basic and applied research. Our research efforts include novel approaches to expanding the fields of chemical material engineering, oceanographic research equipment, eradication of invasive marine organisms, complex computer modeling of human anatomic functions, physical oceanography, cyber security, air quality analysis, water quality analysis, drone technology, zero emissions technology including hydrogen power, wind power technology, energy storage, and much more. The following sources have provided funding for our current grants and contracts portfolio:

Bay Area Air Quality Management District
Bio-UV
California Delta Stewardship Council
Department of Boating and Waterways
California State Lands Commission
California Air Resources Board
California State University Chancellor's Office
(CSU Chancellor's Office)
CSU Council on Ocean Affairs, Science & Technology
EcoChlor, Inc.
Envirocleanse, LLC
Evoqua Water Technologies, LLC
GenSys Technologies
Kurita Water Industries
National Science Foundation
Panasia
Panasonic
South Coast Air Quality Management District
State Water Contractors
United States Department of Energy
National Renewable Energy Laboratory (DOE-NREL)
United States Maritime Administration (MARAD)
United States Navy

2018-19 Sponsored Research Support

Cal Maritime received **21 grants and contracts** totaling **\$6,926,964** in support of our sponsored research programs.

Vessel Donations 2018-2019

E-Retreat

Maxum 3200SCR w/2011 Walker Bay 310 Dinghy
Donated by David Smalley

Elegante

82' McQueen
Donated by Elegante Marine LLC

Elixer

Nelson Marek 50
Donated by Kerrie Downey

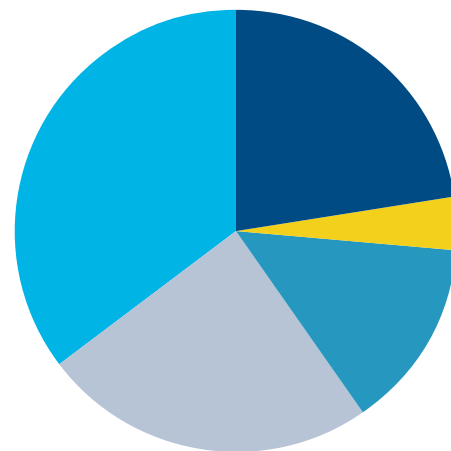
Growler

Andrews 40
Donated by Jared Gargano

Scarib

19' Scarib Rigid Inflatable and trailer
Donated by Gary Sanders

Total Giving by Constituency



Alumni \$539,858 ●
Parents \$93,072 ●
Faculty, Staff and Friends \$332,650 ●
Companies \$577,454 ●
Vessels \$840,500 ●

Total \$2,383,534



MARINE TRANSPORTATION CADETS during fast rescue boat training. Photo by Lindsay Long.



DR. KEVIN MANDERNACK, dean of the School of Letters and Sciences, represented Cal Maritime at the October 2019 inauguration of President Kevin O'Brien of Santa Clara University.



DR. COLIN DEWEY, ASSOCIATE FELLOW OF THE NAUTICAL INSTITUTE (NI), ACCEPTED AN AWARD FROM NI PRESIDENT CAPTAIN NICK NASH, ON BEHALF OF THE U.S. WEST COAST BRANCH OF THE NI FOR RECRUITING OVER 20 NEW MEMBERS TO THE INSTITUTE. THE INSTITUTE IS THE LEADING GLOBAL ORGANIZATION DEDICATED TO HELPING MARITIME PROFESSIONALS DEVELOP THEIR CAREERS FROM CADET TO MASTER AND BEYOND. MANY OF THE NEW WEST COAST MEMBERS WERE RECRUITED THROUGH THE CAL MARITIME NI CLUB, THE ONLY IN-HOUSE NI GROUP AT A U.S. MARITIME ACADEMY. THE CLUB'S ACTIVITIES HAVE BEEN SUPPORTED BY COMMANDANT DAVID TALIAFERRO AND BY DEAN DON MAIER. PHOTO BY JAMES SPEAR.



Located in downtown Vallejo, **CAL MARITIME'S ANCHOR CENTER** began hosting a community art gallery for the city's monthly Art Walk. The grand opening was held in June. Photos by Iris Delgado.



JOHN BETZ (Deck, '76 and M.S. '15), president of the Cal Maritime Alumni Association, represented Cal Maritime at the inaugural ceremony for USC's new President, Carol Folt.



California Maritime Academy Foundation, Inc.
200 Maritime Academy Drive
Vallejo, CA 94590-8181

SAVE THE DATE | SATURDAY, MARCH 21, 2020

Scholarship and Awards Gala

ABOARD THE HORNBLOWER'S
SAN FRANCISCO BELLE

JOIN US AS WE HONOR THIS YEAR'S ALUMNI AND INDUSTRY AWARD RECIPIENTS:

<i>Lifetime Achievement:</i>	Bill Andrew (1978) and Ken Passé (1969)
<i>Distinguished Alumni:</i>	Allyn Pierce (1999) and Todd Roberts (1995)
<i>Lighthouse Service Award:</i>	Victor Schisler
<i>Rising Star:</i>	Konner Edmiston (2015), Carl Holmes (MS 2016) & Matt Trujillo (2005, MS 2016)
<i>Industry Partnership Award:</i>	Matson Navigation Company, Inc. American Bureau of Shipping Hornblower, Inc.

CELEBRATING 90 YEARS OF GLOBAL MARITIME LEADERSHIP



Please RSVP by March 6, 2020
www.csum.edu/gala