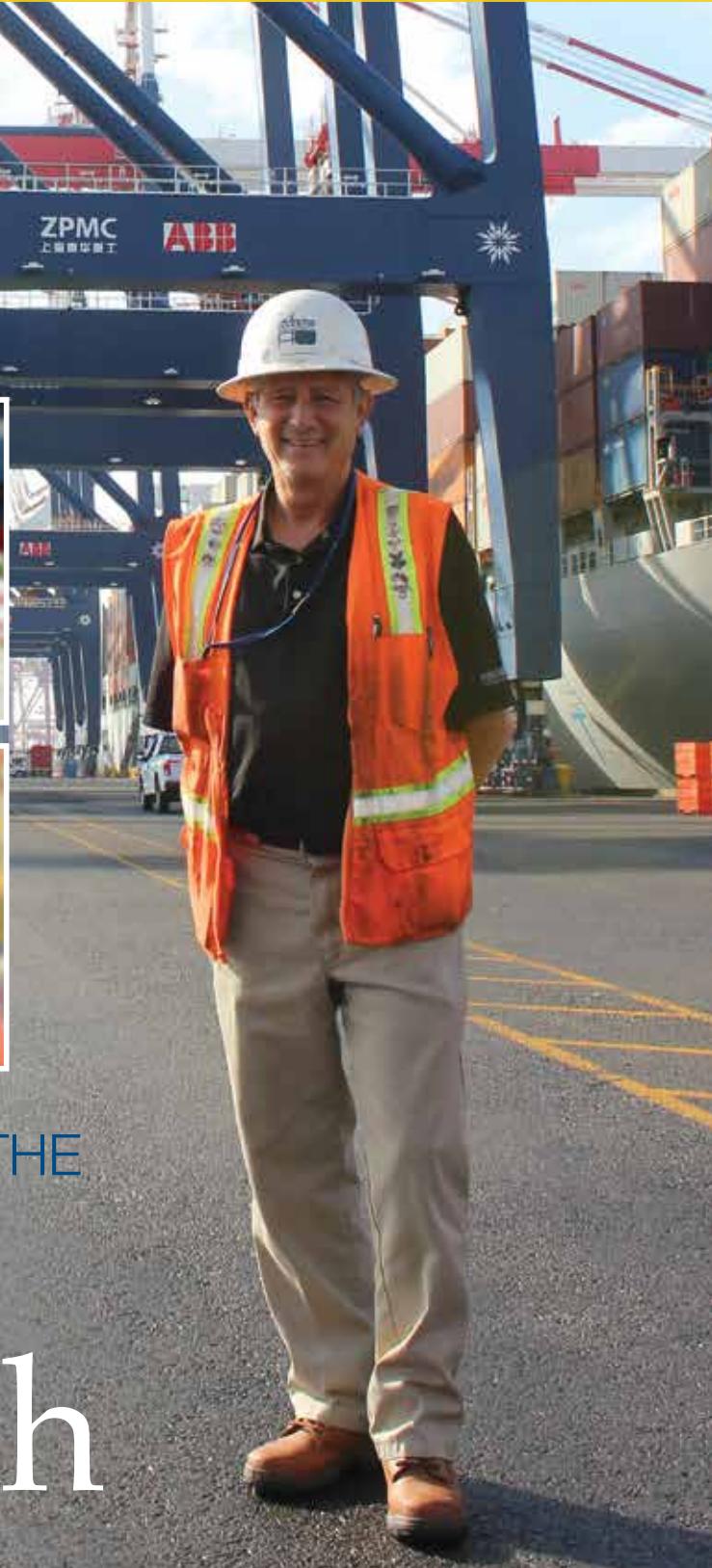


# Cal Maritime



THE FACES OF CHANGE AT THE

# Port of Long Beach

# From the President



PRESIDENT THOMAS A. CROPPER

The faculty, staff, and administration at Cal Maritime know that we are each charged with ensuring that our graduates leave the Academy well-prepared. The maritime industry — both at sea and on shore — demands it. As the industry evolves, it also demands a resilient workforce ready to meet new, and in some cases, unforeseen changes and challenges.

Stories in this issue of *Cal Maritime* demonstrate the adaptability of our alumni as well as their preparedness to take on new opportunities. The cover story (page 2) about the Middle Harbor Redevelopment Project at the Long Beach Container terminal features many examples of Cal Maritime alumni tackling old challenges with new technology in the field of automation. These graduates utilize the skills they learned at Cal Maritime and apply them in a way that will change the way operations are conducted at ports around the world.

The feature story about Cal Maritime alumnus Kwan-Hai Mao (page 20) illustrates a special form of resiliency and flexibility. As Cal Maritime's first international cadet, Mao graduated without a U.S. Coast Guard license. Undaunted, he taught others the skills that he had learned as a member of the U.S. Army, then employed those skills in ways that he had never expected — enjoying a long and lucrative career in the field of marine insurance. As Mao so eloquently puts it in the article, "you must never stop learning."

As Cal Maritime continues to grow and evolve, our charge is to make the Academy better and stronger while working smarter to achieve our academic mission and meet the challenges of a changing industry. The formation of our new alumni task force (page 19) will help to do just that — to make Cal Maritime better, stronger, and smarter. The task force will recommend ways that Cal Maritime can continue to improve career resiliency for our graduates through continuing education, training opportunities, and advanced degree offerings.

Enjoy this issue. It tells the story of a great group of people — Cal Maritime alumni!

Sincerely,

A handwritten signature in blue ink, appearing to read "TAC". The signature is fluid and cursive, with a large, stylized "T" and "A" and a smaller "C" following.

Thomas A. Cropper  
President

## WINTER 2017

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THE OLD SWIMMING POOL IN MAYO HALL HAS BEEN CONVERTED TO A BEACH VOLLEYBALL COURT KNOWN ON CAMPUS AS THE BEACH. CADET RYAN HOEGER PAINTED THE MURAL THAT ADORNS THE WALLS.

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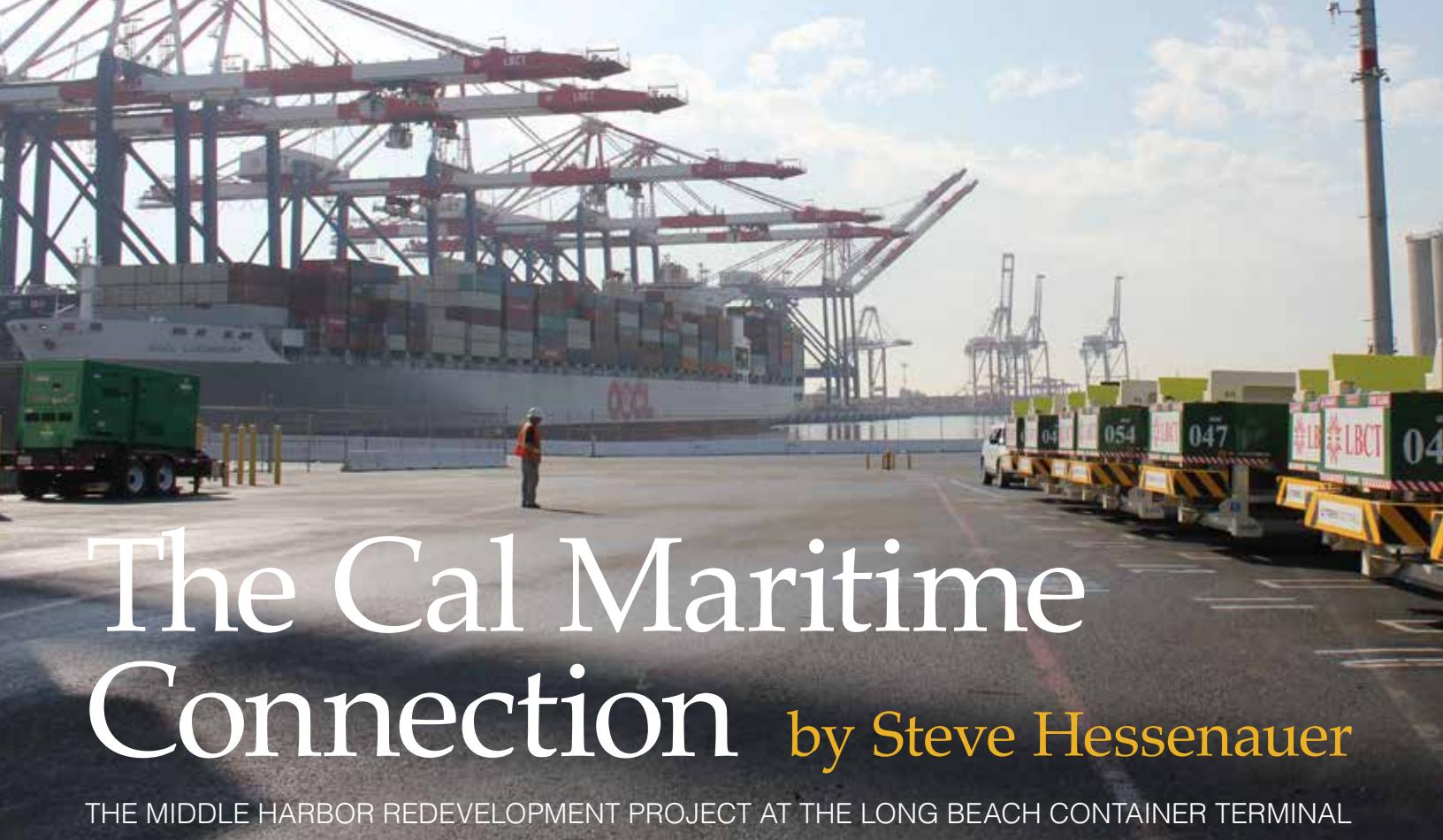
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**ON THE COVER**  
CAL MARITIME ALUMNI ARE ON THE LEADING EDGE OF CHANGE AT THE LONG BEACH CONTAINER TERMINAL AND THE MIDDLE HARBOR REDEVELOPMENT PROJECT.



# The Cal Maritime Connection

by Steve Hessenauer

THE MIDDLE HARBOR REDEVELOPMENT PROJECT AT THE LONG BEACH CONTAINER TERMINAL

**A**UTOMATION IS EVERYWHERE at the site of the Middle Harbor Redevelopment Project: Automated Portal Trolleys, Automated Stacking Cranes, Automated Guided Vehicles, and Automated Aisle Stackers. This is the new world of terminal cargo handling. And all of these advanced tools have one thing in common: they are robots.

The robots are extremely complex machines in their own right, but add in some very sophisticated control, navigation, and terminal operations software, and you have created a complex system of automated dependencies that allow the many Cal Maritime alumni who are involved in the project to show their stuff.

The Middle Harbor Redevelopment Project (MHRP) in Long Beach, California is a greenfield-classified development — it lacks the constraints imposed by prior work. Built from the ground up, it challenges the norms of terminal operations

with its zero emissions footprint, advanced software technologies, use of automation, and cutting-edge engineering technology. It is unique among all the terminals in the world, even those with automation. The project has taken existing systems and machines to the next level. In this environment, Cal Maritime alumni from a variety of backgrounds put their training to the test, advancing the maritime industry to even greater efficiencies.

While none of the Cal Maritime alumni who have worked on the project were specifically trained at the Academy on Electronic Cargo Handling Equipment Automation, Cargo Handling Robotics, the IT Systems that drive Automation, or Terminal Operating Systems (TOS) usage, many of them point out that they have been “trained to train themselves,” which makes Cal Maritime alumni uniquely qualified to tackle this complex environment of cutting-edge cargo handling equipment.

One would think that robots don’t need people. The exact opposite is true. While they are robust in operation, and they can carry loads up to 60 tons or more, robots are in fact fragile. The interconnectivity between the robot’s muscle, brain, and the systems that control, operate and command them, comes ultimately from the fingertips of the man or woman who sits at a computer.

Another thing Cal Maritime engineers have found out while working on this project is that robots are needy. They need commissioning, testing and loads of maintenance. While some maintenance is of the old-fashioned variety — oiling, greasing, and tire-airing — what Cal Maritime engineers have found is that eighty-five percent of their troubleshooting is not done with a multi-meter, an oscilloscope, or with paper line diagrams, but by being plugged into the machine with a laptop — probing program logic, checking programmable logic controller

Eventually, the Middle Harbor Redevelopment Project will include 78 ASC cranes, 14 ship-to-shores, and 72 AGVs.



(PLC) inputs and outputs, tracing wireless communications and fiber-optic signal strength faults.

Cal Maritime summer interns have also gotten into the act — working on the project during its development. Interns could be found in the operations groups and contractor ranks of Long Beach Container Terminal, Harbor Industrial Services Inc., Terminal Equipment Services Inc., and Pacific Coast Crane Maintenance Company. They proved their worth as contributing members of each of these teams, and brought great credit upon themselves and the Academy.

What the Cal Maritime alumni are seeing at MHRP, in comparison to the C-5 breakbulk ship operations of the 50s, 60s and 70s, is as different in technological scope as was the Wright Brothers from the Space Shuttle program.

There are many contractors and sub-contractors contributing their skills in

## About Steve Hessenauer

In 1973, 15-year-old Steve Hessenauer (E-87) was sent down to the Baltimore docks with an International Longshoremen's Association marine clerk named Jack Duffy to see a ship being unloaded. Steve's dad, having watched his son's fascination for all things nautical (including building ship models starting at 10 years old), figured that Steve should see what the maritime industry was all about. What Steve saw that day changed his life. Now — 43 years later — his career has always been intertwined with that industry, and he's scarcely been off ships or off the docks since.

The vessel working that day was a Moore-McCormick Lines, C-5 General Cargo Break Bulk Ship. Three to four hundred longshoremen worked around the clock for 14 days to discharge and load her. Pallets were slung in cargo nets and moved from ship to dock and from dock to ship on 'house fall' systems using the ship's cranes and blocks attached to the warehouse to shuttle the cargo. Hundreds

this massive effort. One thing they seem to have in common is, scattered among their ranks, especially on the high technology side of the project, are Cal Maritime alumni. The project operator (Long Beach Container Terminal) employs in their operations and information systems groups Cal Maritime alumni who are performing

### TYLER BRIDGE

CAL MARITIME CLASS OF 2017  
MAJOR: FACILITIES ENGINEERING TECHNOLOGY  
HOMETOWN: ANAHEIM HILLS, CALIFORNIA

"My role on the project was to work alongside Automated Guided Vehicle (AGV) mechanics and to ensure everything is working perfectly. I got to work with and maintain AGVs with Cal Maritime alumnus Steve Kuzmanic. We performed

of forklifts shuttled the pallets into and out of a massive trans-loading warehouse where the cargo was sorted to correspond to positions for loading onto the vessel, or to deliver to the lines of waiting trucks.

These days, the new ships can carry the cargo of seven or eight C-5 general cargo ships — the kind of ship that Steve first saw at the docks in the 1970s. Ships are in port for only for four or five days to unload and discharge. Technologies such as Ship to Shore Container Cranes, Rubber Tyred and Rail Mounted Gantry Cranes, Top and Side Pick Container Handlers, Computer Operated Terminal Operating Systems, and the containerization of cargo have transformed the maritime industry into what we know it as today. Now times are changing again.

Steve is closing out his maritime career as the Automatic Guided Vehicle Project Manager on an effort that is bringing a huge, new terminal to Long Beach California — a terminal that is ushering in an age of green technology and cargo handling automation.

amazing feats of operational magic, all driven by automated machines.

The Cal Maritime alumni who work on this project are employed at the greenest and most technologically advanced terminal in the world today, and they are critical to its operation. ↴

routine modifications and scheduled maintenance daily. We ensured the terminal had as many AGVs on the field as possible.

"The most interesting thing about the project was that I was working with unmanned vehicles. It was all automated.

Working on this project was truly a one-of-a-kind experience.

CONTINUED ON NEXT PAGE



THE ENTIRE SYSTEM IS ENVIRONMENTALLY-FRIENDLY AND AUTOMATED. IF A GATE OPENS TO THE AUTOMATED AREA WITHOUT SAFETY PROTOCOLS IN PLACE, EVERYTHING STOPS. EVEN THE PROCESS OF CHANGING OUT BATTERIES IS HANDLED BY ROBOTS. THE TEAMS SOFTWARE (TERMINAL AUTOMATION MANAGEMENT SYSTEM) OPTIMIZES THE WORK OF THE ROBOTS, INCLUDING THE AUTOMATED GUIDED VEHICLES (AGVS) GIVING THEM INSTRUCTIONS, INCLUDING OPTIMAL PATHS TO A DESTINATION, CREATING A PERFECTLY CHOREOGRAPHED PROCESS. TEAMS TRACKS THE POSITIONS OF ALL THE AGVS, AND THE TRANSPONDERS THAT MARK THE AGV'S POSITION IN THE AUTOMATED YARD ARE ACTUALLY RECHARGED EACH TIME ONE OF THE VEHICLES PASSES ABOVE.

## JENNIFER CHASE

GENERAL MANAGER OF OPERATIONS DEVELOPMENT,  
LONG BEACH CONTAINER TERMINAL  
CAL MARITIME CLASS OF 2010  
MAJOR: INTERNATIONAL BUSINESS AND LOGISTICS  
HOMETOWN: VACAVILLE, CALIFORNIA

As general manager of operations development, I am responsible for the overall development and implementation of operational procedures and practices related to marine terminal automation including conceptual design, vendor selection, software/equipment/integration testing, workforce training, implementation and post-go live support and optimization.

The Middle Harbor is a project of incredible magnitude. I was initially fascinated with the level of technology and integration we were attempting to implement. As the project progressed, I had the opportunity to work with a team of brilliant people with very diverse personal and professional backgrounds. Working alongside other professionals who had proven success in marine

terminal automation opened my eyes to existing technology in other parts of the world as well as the possibilities for the future of technology and automation at the terminal.

This project has had a significant impact on the maritime industry both locally and globally. Locally, we have been able to implement levels of technology that had not previously been achieved in a North American marine terminal. To achieve this, it has taken an enormous amount of effort and collaboration among many different parties and stakeholders. Globally, the Middle Harbor Project has given the Port of Long Beach a competitive edge in operational efficiency and environmental sustainability that is rivaled by few, if any.

The success of this project is incredibly important to the terminal, the port, and Orient Overseas Container Line for obvious reasons, but in reality the industry impact is much broader. This project has laid the foundation for what is possible in marine terminal automation and it sets the stage for other terminal operators, both locally and globally, to attempt similar technology implementations. Additionally, the operational efficiencies that marine terminal automation provides have the potential to create a positive impact on the operational efficiency of the supply chain as a whole.

## DAVID HEATH

TERMINAL EQUIPMENT SERVICES, INC.  
CAL MARITIME CLASS OF 2005  
MAJOR: MARINE ENGINEERING TECHNOLOGY  
HOMETOWN: CLAYTON, CALIFORNIA

My role in the project is warranty work. I was hired by Bromma spreaders to upgrade security features on the ship to shore (STS) spreaders — used to lift containers.

All the new technology and the people working with it are what is interesting to me. Anytime you get the challenge to learn something new, whether is new equipment or upgrading older equipment, it is very rewarding. The people working at new terminals



JENNIFER CHASE



DAVID HEATH



ROBOTS WON'T OPERATE OVER A TRUCK UNLESS THE DRIVER IS OUT OF THE VEHICLE. SENSORS LET THE ROBOT KNOW WHEN THE DRIVER IS CLEAR AND WORK CAN BEGIN.

like this one are leading the way in the industry, from the mechanics to the project engineers, they are as motivated as you to see the most efficient terminal in the country move forward.

With the majority of imports coming to the US on a ship, terminals constantly have to be updated. The direction that Long Beach Container Terminal has gone is amazing, with the new technology and automation. As a crane mechanic at the port, this terminal is the most impressive and exciting terminal in which to work.

### COREY LYNCH

CAL MARITIME CLASS OF 2017

MAJOR: MARINE ENGINEERING TECHNOLOGY

HOMETOWN: TIBURON, CALIFORNIA

Steve Hessenauer emphasized to me to try and take away as much knowledge about automation and controls systems as possible. The experience I received while working on the project was unlike anything I could have asked for or expected.

Being onsite my first day was eye opening, to say the least. It was impressive to see so many different pieces all moving in sync with each other. Getting to understand how and why everything interacted was the best part.

This project is just the beginning of what appears to be the direction our industry is going. It will be even more important to have capable and qualified employees that understand how to operate and troubleshoot such complex machinery.

As the largest Port in the United States, this project proves the importance and necessity to move towards a streamlined and more automated world. As we continue our trade with foreign

ports it is critical to remain competitive and stay on the cutting edge of technology.

### STEVE HESSENAUER

HARBOR INDUSTRIAL SERVICES PROJECT MANAGER, MHRP  
AUTOMATED GUIDED VEHICLE COMMISSIONING, TESTING, AND PRODUCTION SUPPORT

CAL MARITIME CLASS OF 1987

MAJOR: MARINE ENGINEERING TECHNOLOGY

HOMETOWN: BALTIMORE, MARYLAND

I supervised Harbor Industrial ILWU mechanics during commissioning, testing, start-up and production support. I also serve as service representative for TEREX Port Solutions on-site MHRP.

Every aspect of this project was new and innovative. The technology used here advances clean automated container handling technology well beyond anything existing in the world today.

The project set a new bar for automated technology.

In the big picture of global trade, this project is just the first step in a new world of container handling. It will be seen in the future by the maritime industry to be as impactful to shipping as was Malcom McClain's first container on a ship

### SANDRA FRANCO

ASSISTANT OPERATION MANAGER,

LONG BEACH CONTAINER TERMINAL

CAL MARITIME CLASS OF 2015

MAJOR: INTERNATIONAL BUSINESS

HOMETOWN: WILMINGTON, CALIFORNIA

I work at Pier F Terminal, but observing the positive environmental impact and pollution reduction is gratifying. Being a Wilmington/Long Beach resident, I want to work for a company that cares about the environment.

### JOEL BUFFA

ASSISTANT OPERATIONS MANAGER ,

LONG BEACH CONTAINER TERMINAL

CAL MARITIME CLASS OF 2011

MAJOR: MARINE TRANSPORTATION

HOMETOWN: HUNTINGTON BEACH, CA

I work in the Vessel Department. I supervise the discharge and loading of the cargo to and from the ship.

This project has been a team effort by all to make the terminal run successfully. It is nice to see the operational improvements we make from week to week.

The Port of Long Beach provides a lot of jobs. It is important that we stay a competitive port to keep the cargo coming into Southern California.



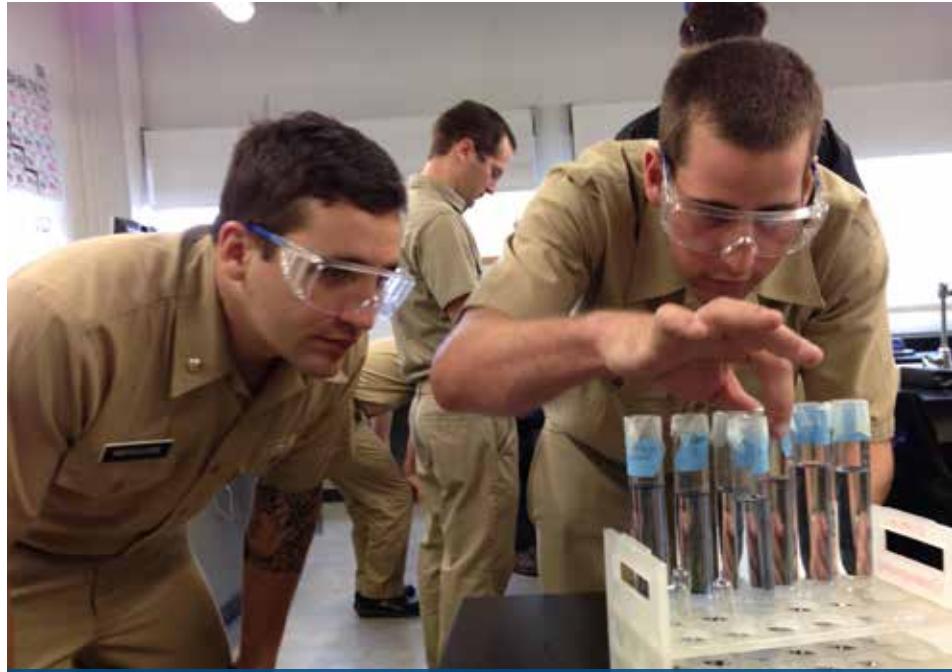
STUDENTS COMPLETED AN ESTUARY SURVEY ABOARD THE RESEARCH VESSEL QUESTUARY. TOP: RUSS JANICKI, ALEX BAIRD, JACK RASCO, DR. ALEX PARKER, ALEX YONKMAN, BOTTOM: EVAN MCNEIL, EMILY SHIMADA

## Marine Science Marks Milestone Anniversary with Continued Growth, New Opportunities

In 1976, Cal Maritime introduced Ocean Technology as one of several concentrations of courses that students could take to broaden and enhance their educational experience. These concentrations of courses were known as "options." At that point, only a handful of elective classes were available at the Academy, and students who completed one of the optional concentration areas received a notation on their official transcript.

By 1983, the Ocean Technology option had evolved into a full-blown minor, now known as Marine Science. The minor operated under the direction of Professor Lloyd Kitazono, who taught at Cal Maritime from 1978 until 2013.

"This change was done at a time when the Academy was developing other majors, and the administration and faculty realized that minors were more common and recognizable than just



CADETS MICHAEL NAPOLEONE AND ANDREW SCRIBNER PERFORM PHOSPHATE ANALYSIS ON WATER SAMPLES COLLECTED FROM THE SAN FRANCISCO ESTUARY.

something called 'options,'" remembered Kitazono. "The Ocean Technology option and, later the Marine Science minor, were

developed so that students with a serious interest in marine sciences could take such courses, complete a culminating



ALEX YONKMAN COLLECTS AN ESTUARINE WATER SAMPLE FROM A NISKIN BOTTLE.



PROFESSOR LLOYD KITAZONO DIRECTED MARINE SCIENCE FROM 1978 UNTIL 2013, OVERSEEING ITS GROWTH INTO A MINOR IN 1983.

project, and graduate with knowledge and skills that could enhance opportunities for employment or graduate studies."

In the fall of 2013, Dr. Alex Parker joined the faculty at Cal Maritime from San Francisco State University. Dr. Parker is a biological oceanographer with extensive field research and a record of scholarship. He is a member of the Central and Northern California Ocean Observing System (CeNCOOS) governing council, part of a national ocean observing network.

In the spring of 2016, the first life science laboratory course was offered – marine biology laboratory. A year earlier an Oceanography Club launched – offering opportunities for field trips and on-campus events.

New directed research and undergraduate research support from the California State University Council on Ocean Affairs, Science & Technology (COAST) started in 2014 – awarding more than \$12,000 in funding for independent marine science and related projects.

As it celebrates its fortieth anniversary on campus, the program enjoys recently-ren-

ovated research lab spaces, the acquisition of new state-of-the-art equipment, and – beginning in 2017 – Marine Science students and faculty will conduct regular surveys of the Bay in partnership with the Marine Transportation Department's navigation and piloting class.

Cal Maritime's Marine Science students make regular surveys of the water conditions in San Francisco Bay and Cal Maritime is a member organization in the CeNCOOS network.

These days the core of the minor classes are in physical, biological, chemical and geological oceanography and marine biology. A hands-on course in oceanographic instrumentation and analysis is also offered – exposing cadets to modern methods in oceanography research. All of the marine science courses stress "ocean literacy", giving students not only information about ocean principles, but also the tools to effectively communicate complex scientific concepts and knowledge to make informed responsible decisions about ocean stewardship.

Students' culminating projects have run the gamut, from research projects to the construction of miniature Remotely Operated Vehicles (ROVs). Graduates with the minor have gone on to graduate schools – including law school. Some have gone on to employment on research vessels, at the Monterey Bay Aquarium, and even the U.S. Navy Research Program with Marine Mammals.

"Students from all majors participate in the minor program," said Dr. Parker. "And Marine Science is gaining in popularity on campus – with an expanding number of courses, an undergraduate research program, and the oceanography club."

"The program continues to develop," said Dr. Parker. "We are modernizing the curriculum to include even more hands-on research, taking advantage of the campus waterfront location and our fleet of vessels. We also plan to bring even more marine science employers to campus to meet our students and witness firsthand the training that they receive." 



# AN INTERNSHIP AND AN INTERNATIONAL ADVENTURE

Each summer, Cal Maritime cadets leave campus and travel all around the globe for internships, co-ops, and cruises.

Last summer, Morgan Murry, a junior Marine Transportation major, joined the ship operations department at UC San Diego's Scripps Institution of Oceanography. Working with the department provided practical experience as she contributed to the department's ocean science enterprise – operating a research vessel that is crucial to the exploration and understanding of our oceans.

Murry worked aboard the Research Vessel (R/V) *Roger Revelle* during scientific missions that took her to places like Thailand and Palau.

Murry serves in the U.S. Navy Strategic Sealift Officer Program, works as a dormitory resident advisor aboard the Training Ship Golden Bear, gives campus tours, and is a member of several clubs

"The crew of the R/V *Roger Revelle* was very welcoming, helpful, encouraging and extremely professional," said Murry. "My experience deepened my passion for the maritime industry and confirmed

MORGAN MURRY INTERNED ON THE R/V *ROGER REVELLE* LAST SUMMER IN SOUTHEAST ASIA AND THE SOUTH PACIFIC. PHOTO COURTESY OF UC SAN DIEGO INSTITUTION OF OCEANOGRAPHY.

my decision of becoming a merchant mariner."

"In addition to an excellent learning opportunity, it was also an amazing adventure," said Murry. "Riding elephants in Thailand and scuba diving with sharks in Palau were some of my off-duty highlights. I have also had the privilege to meet and observe world class scientists during their oceanographic explorations. Having the chance to do work that I love while supporting modern day scientific discoveries has been an incredible experience." ↴



TAYLOR DESCHENE

# Senior Awarded Prestigious Scholarship

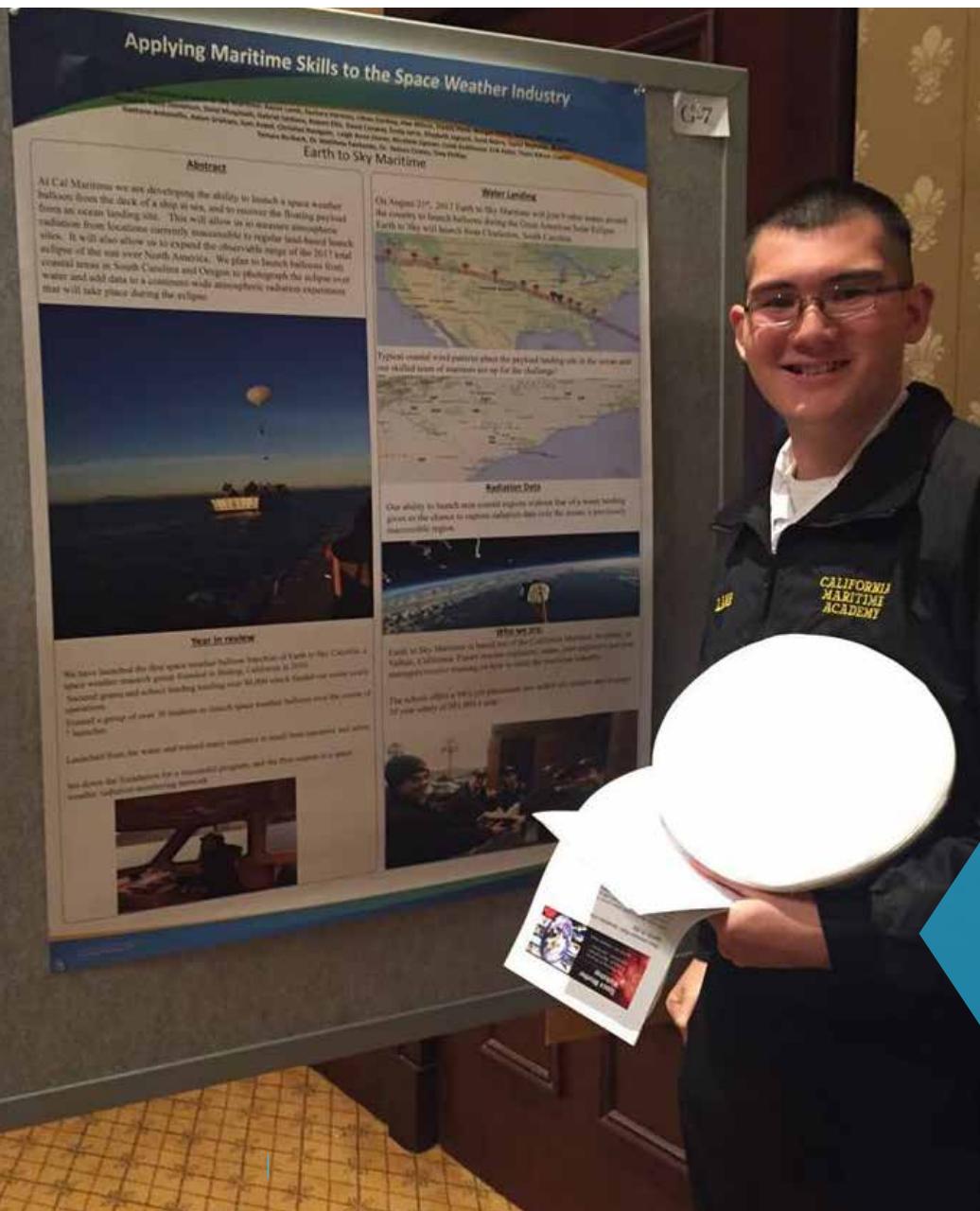
Taylor Deschene, (ME-17), is the recipient of the Mandell and Lester Rosenblatt Undergraduate Scholarship, presented by the Society of Naval Architects and Marine Engineers (SNAME).

Mandell and Lester Rosenblatt founded M. Rosenblatt & Son, Inc. in 1947. The company grew to become one of the world's largest private naval architecture and marine engineering firms. The founders led the company in the design and development of all types of naval and commercial ships, from aircraft carriers and submarines to tankers, tugs, and high-performance craft.

SNAME has awarded the scholarship since 2007 to celebrate the combined legacy of the Rosenblatts. It is given to an undergraduate scholar with a passion for naval architecture, marine or ocean engineering, and displaying evidence of professionalism and involvement in SNAME.

Deschene is the chair of the Cal Maritime chapter of SNAME as well as the Residence Hall Officer aboard the Training Ship *Golden Bear*.

Cadet Aaron Lamb, the head of the Earth to Sky Maritime Associated Students Club presented *Applying Maritime Skills to the Space Weather Industry* at the annual Space Weather Workshop organized by the National Oceanic and Atmospheric Administration (NOAA) in Broomfield, Colorado.



# PROFESSIONAL ACHIEVEMENTS



SUSAN BIGLER



DR. COLIN DEWEY



FATIMNA RIOS



DR. JULIE SIMONS



RYAN STORZ



NELSON COATES



DR. AMY PARSONS



DR. NAPOLI KAMDAR, DENNIS GASH, AND DR. CHIP MASON



DR. FRANK YIP

**Diana Beck** of Facilities received the Cal Maritime Administration and Finance Distinguished Colleague Award.

**Susan Bigler**, executive assistant to the associate vice president for Academic Affairs, received the Cal Maritime Academic Affairs Distinguished Colleague Award.

**Kristen Bloom**, engine company commandant, received the Distinguished Colleague Award for Cal Maritime Student Affairs.

**Michael Bowlin**, electrician, received the Cal Maritime Marine Programs Distinguished Colleague Award.

**Nelson Coates**, assistant professor in the Science & Math Department, filed four patent applications through Lawrence Berkeley Lab for work related

to research on thermoelectric materials. Thermoelectric devices have the ability to convert waste heat into electricity or to use electricity for heating and cooling using robust, solid-state materials.

**Dr. Colin Dewey** and **Dr. Amy Parsons**, both of the Department of Culture and Communication presented lectures at the Moby Dick Mini-Marathon at the San Francisco Maritime Research Center.

**Dr. Napoli Kamdar**, chair of the Department of Maritime Policy and Management, visited Holy Angel University in the Philippines along with Dennis Gash, President of International Assembly for Collegiate Business Education, and Dr. Chip Mason, Dean of the School of Business at Belhaven University. They served as the IACBE accreditation site visit team.

**Dr. Alex Parker**, assistant professor of Marine Science, and **Cadet Ben Potter** served as interpretive guides on a cruise on the Napa River and Carquinez Strait as part of Vallejo's Visions of the Wild Festival, designed to connect nature, culture and community.

**Dr. Amy Parsons**, assistant professor in the Department of Culture and Communication, received the Cal Maritime Outstanding Teacher Award.

**Fatima Rios**, prospect researcher, received the Cal Maritime University Advancement Distinguished Colleague Award.

**Dr. Katherine Samller** of the Department of Global Studies and Maritime Affairs, presented her paper, *The Whale and the Kauri Tree: New Zealand Environmental Governance from*



DR. ALEX PARKER & CADET BEN POTTER



ACADEMIC AFFAIRS COMMITTEE OF THE INTERNATIONAL ASSOCIATION OF MARITIME UNIVERSITIES

*Mountains to Sea* at the Pacific Coast Geographers Annual Meeting in Portland, Oregon.

**Dr. Julie Simons** of the Science and Math Department was published in *SIAM News*. Her article, "Biofluids of Reproduction: Oscillators, Viscoelastic Networks, and Sticky Situations" was the lead article in the September issue of the magazine, which is the leading news journal for Industrial and Applied Mathematics.

**Ryan Storz** of the Department of Engineering Technology was featured in the July/August Edition of *California Buildings News* in an article on efforts by professional associations, companies, and schools to address a critical shortage of facilities managers in the field of commercial real estate.

**Dr. Cynthia Trevisan**, chair of the Science and Mathematics Department, was recognized along with her collaborators at the Lawrence Berkeley National Lab by having their article "Dynamics of dissociative electron attachment to ammonia" selected by the editors of the journal *Physical Review A* to be an Editor's Suggestion. Another of their recent articles, Molecular frame photo-electron angular distributions for core ionization of ethane, carbon tetrafluoride and 1,1-difluoroethylene made the cover of *Journal of Physics B: Atomic, Molecular and Optical Physics*. Dr. Trevisan also received the Cal Maritime Outstanding Service Award.

**Dr. Frank Yip**, assistant professor in the Department of Science and Mathematics, received the Cal Maritime Outstanding Scholar Award.

In September, Cal Maritime hosted two working groups of the **Academic Affairs Committee of the International Association of Maritime Universities**. Representatives from Tasmania, Poland, Japan, Vietnam, Croatia and the USA met to review annual IAMU Research Project grants (totaling \$240,000) and to discuss publishing protocols for IAMU articles in advance of the General Assembly, held in Vietnam in October. ↴

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## Sailing Team Competes for National and World Championship in the Same Week

Cal Maritime Sailing's triumph in the 2015 Kennedy Cup meant another opportunity to represent the U.S. in France in the Student Yachting World Cup. In an unfortunate bit of timing, the World Cup was actually held during the same week as this year's Kennedy Cup.

The two Cal Maritime teams performed admirably. The Kennedy Cup team, which counted six freshmen among its eight members, had a 2-1-1 score line at the end of the first day and finished the regatta in fourth place.

Meanwhile at the world competition, Cal Maritime had a rough couple of days to start the regatta.

"The team really found their stride on day three, when they went on to win all four races," said Sailing Coach Tyler Wolk (13).

Everything came down to the last race on the last day to decide



CAL MARITIME SAILING FINISHED SECOND AT THE STUDENT YACHTING WORLD CUP IN FRANCE. PHOTOS COURTESY OF ICARUS.

the winner. Cal Maritime won that final race by more than two minutes, but Queens University (Canada) snuck past team Scotland on the final downwind run and finished fourth, allowing them to take the overall competition by a single point over Cal Maritime.

Cal Maritime ended up second overall, second in the coastal races, and second in the night race, however they won more races than any other team that attended the competition.

CONTINUED FROM PAGE 5

### RYAN HARRISON

CRANE MECHANIC, TERMINAL EQUIPMENT SERVICES, INC.  
CAL MARITIME CLASS OF 2012  
MAJOR: MARINE ENGINEERING TECHNOLOGY  
HOMETOWN: HONOLULU, HI

TESI's role in the project is offloading the cranes when they arrive from China, commissioning, start-up and warranty work.



STEVE KUZMANIC

The things I find most interesting about the LBCT project are the Ship-to-Shore cranes. They are the largest and fastest in the United States, and run semi-automated with dual hoists. They're equipped with twin-20 spreaders, allowing an operator to pick as many as four 20-foot containers in one move. The crane has an automatic positioning system that allows semi-automatic moves towards both the ship and land. A target position sensor supervises containers in the path of the spreader and maintains a safe height automatically. The crane also has an automatic sway control function using an optical load position sensor, which zeros out any sway on the spreader by adjusting the trolley speed.

I think this project will make Long Beach Container Terminal much more efficient, not only because of bigger, faster cranes, but because of the Automated Guided Vehicles (AGVs), unmanned, lead acid battery powered, zero-emission vehicles that deliver containers from the ship-to-shore cranes to the stacking cranes, and vice-versa. ⚓

STEVE KUZMANIC (10-MET), ILW MECHANIC, RUNS DIAGNOSTIC TESTS ON AN AUTOMATED GUIDED VEHICLE. WITH AS SOPHISTICATED AS THE SOFTWARE AND ROBOTS ARE AT THE MIDDLE HARBOR CONTAINER PORT, THE SYSTEM REQUIRES PEOPLE.

"EVERYTHING STARTS WITH INSTRUCTION FROM A PERSON," SAID STEVE HESSENAUER. "MUCH OF THE WORK IS AUTOMATED, AND THE SOFTWARE OPTIMIZES THAT WORK. IT STILL REQUIRES A PERSON TO MONITOR WHAT'S HAPPENING."

A LOT OF THOSE PEOPLE WHO HELP TO MAKE IT HAPPEN ARE CAL MARITIME ALUMNI.

# WELCOME TO THE NEXT GENERATION



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# Port of Los Angeles Harbor Cup 2017



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Hosted by Los Angeles Yacht Club



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# CHAMPIONS OF CHARACTER

Cal Maritime was once again named a Five Star Champions of Character Institution-Gold Status due to the Athletic Department's accomplishments as part of the Champions of Character initiative.

The vision of National Association of Intercollegiate Athletics (NAIA) Champions of Character program is to change the culture of sport. Its mission is to provide training to instill the values that build character so students, coaches and parents know, do and value the right thing on and off the field.

The Champions of Character program helps participants find the balance by

keeping five core values — integrity, respect, responsibility, sportsmanship, and servant leadership — at the heart of the athletics experience.

Men's Basketball Coach Bryan Rooney was selected for recognition of the NAIA's Coach of Character Award as the California Pacific Conference's recipient.

"The quality of coaching in our conference is outstanding, but more importantly, the quality of people who serve as coaches is even better," Rooney said. "With this in mind, I am humbled to represent our conference. There is no doubt that this award is a direct reflection of the



people with whom I work every day. Our players and our assistant coaches are very special people and I am honored to share this award with them."

## Men's Basketball Wins Academic Excellence Award

The Cal Maritime men's basketball team was honored with the National Association of Basketball Coaches (NABC) Team Academic Excellence Award for 2015-16. The Keelhaulers posted a cumulative grade point average of over 3.0, making the team eligible for the prestigious award.

"Our team set several goals at the beginning of the season with earning this award being a top priority," Cal Maritime head coach Bryan Rooney said. "Similar to our on-the-court success, we were led by our excellent senior leadership in the classroom."

In addition to the team award, five individual student athletes were named members of the NABC 2015-16 Honors Court. In order to be eligible, student

athletes must be either a junior or senior and maintain a cumulative GPA of 3.2 or higher at the conclusion of the academic year. Seniors Kameron Hoyt, Zach Davis, Alec Fetzer, and Blaine Shively as well as junior Travis Arenas earned the distinction through their academic achievement. Hoyt, Davis and Fetzer also earned Academic All-American recognition.

Last season's team also enjoyed success on the court, reaching the Sweet 16 of the NAIA Division II tournament.

Roman Delgado was named the conference's Most Valuable Player. Kameron Hoyt was the Defensive Player of the Year. Numerous individuals received All Conference distinction: Davis and Delgado were First Team All-Conference. Hoyt and Daniel Radford were named



BRYAN ROONEY

to the second team. Head Coach Bryan Rooney was named Conference Coach of the Year.

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# End the Year Well



## Get a head start on your year-end tax planning!

Here are some ways you can shift tax dollars to charitable dollars and support Cal Maritime:

### IRA Charitable Rollover

Congress made permanent the law that allows people age 70½ or older who own an IRA to make cash gifts directly from their IRA to charity. For many people, this is the best tax-wise way to give. An IRA rollover gift will not be included in your taxable income and will qualify for your required minimum distribution.

### Outright Gift of an Asset

If you wish to make a gift to support our cause this year but are concerned about preserving your cash resources, consider a gift of an appreciated asset. A gift of securities or real estate can provide you with significant income and capital gains tax savings, often exceeding the benefits of a cash gift.

### Charitable Gift Annuity

A charitable gift annuity is a way to make a gift to support the causes that you care about, and in return you receive the security of payments for life to you, you and a loved one, or another person. Your payments will never change, even if interest rates or the stock market changes, and will also receive a charitable deduction in the year that you set up the gift annuity.



# FROM THE ALUMNI PRESIDENT

## Greetings and happy holidays!



**PASCHA MCALISTER (ME-07)**  
**CSU MARITIME ACADEMY**  
**ALUMNI ASSOCIATION PRESIDENT**  
**PRESIDENT@ALUMNI.CSUM.EDU**

2016 has been a busy year for the Alumni Association!

Attendance at events such as Pirates at the Palace, the Summer Send-offs, Festival and Reunion Weekend, and the Puget Sound Alumni Dinner have all increased from last year, as has interest in these and other events. The Puget Sound dinner had over 100 attendees led by chapter chairperson Erin Pierson and high Puget Sound member involvement. Two new chapters — the North Bay Area Chapter led by Ryan Storz and the Houston Chapter led by Robert Goldsworthy — were created in 2016; their contact information is available at the alumni website: [alumni.csum.edu](http://alumni.csum.edu).

The Association celebrated our new awardees at this year's the Gala in November, including Tim McCarthy, John Knight, Hugo Carver, Romaine "Mom" Purdy, Brian Goldman, and Bob Exner, whose actions inspire others to contribute to the efforts of the Association and Cal Maritime's mission.

The Alumni Association welcomed over 200 new members at Commencement last spring, and as of July the Association successfully filled all board positions.

Damon Brewer is the new president-elect.

This has been a time for review, learning, transition, and growth. We — as alumni — are responsible for recognizing what Cal Maritime gave us, helping others understand the benefits of a Cal Maritime experience, assisting one another, and implementing a future for the Alumni Association, cadets, and campus. With that in mind, the Association looks forward to hearing from you. Send in your nominations for any and all of the Alumni Association Awards: Rising Star, Lighthouse Award, Distinguished Alumni Award, and the Lifetime Achievement Award. Join us at a 4th Thursday event in 2017. We'd love to see you at Pirates at the Palace, a fun overnight camping opportunity in the Santa Barbara hills. Get in touch with your local chapter and introduce yourself to the chairperson. Come out and support incoming cadets at a Summer Send-off, or update us on what you've been up to through the online class notes page. The Association needs you. Happy holidays, and we look forward to hearing from you.

**PASCHA MCALISTER**  
Alumni Association President



The men's and women's crew teams raced to strong finishes in their fall season. New crew shells purchased over the past three years have provided a major upgrade to the inventory at the boathouse and allowed the teams to perform to their potential. In Northern California regattas, at least one boat finished in the top four at every competition, including three first-place finishes and four second place finishes.

THE CAL MARITIME CREW TEAM'S NEW FOUR MADE ITS MAIDEN VOYAGE AT THE HEAD OF THE CHARLES REGATTA IN BOSTON. (FROM THE BOW) ADAM BINGHAM, JEFF FRICK, COLTON CAREY, AND BEN YUSE APPROACH THE ELIOT BRIDGE. COXSWAIN LEIGHANNE DONES DOES NOT APPEAR IN THE PHOTO. PHOTO COURTESY OF SPORTGRAPHICS.

## Task Force to Reshape the Relationship between Cal Maritime, Alumni

A new Alumni Task Force for California State University Maritime Academy is being organized to define the key elements of a reworked, mutually beneficial relationship between Cal Maritime and its alumni.

"Our primary goal is for Cal Maritime to have an alumni program that delivers the very best in alumni loyalty, involvement, and advancement of the alma mater," said Cal Maritime President Tom Cropper.

Over the coming years, Cal Maritime alumni programming will evolve to reflect the expansion in enrollment and degree offerings at the University. Also, with an expansion of extended learning and professional development offerings, Cal Maritime will be positioned to serve its graduates throughout their careers by enhancing career resiliency.

"I ask that the task force have a future-oriented vision of Cal Maritime that will focus upon the special relationship our current cadets and current alumni want to have with one another and with the University," said Cropper.

The new task force will be charged with identifying best practices as they relate to alumni programming, affinity programs, and other areas. The group will develop recommendations for alumni engagement and support for the Academy that will provide Cal Maritime with the tools necessary to become a leader in alumni outreach, engagement, programming, and support.

Robert Piazza (65) and Greg Zeligman (05) have been selected as co-chairs of the task force. Eric Cooper, director of Alumni Relations, will help to round out the committee membership. Independent consultant

## Zeligman Named to CSU Alumni Council Board



GREG ZELIGMAN

Cal Maritime President Tom Cropper has appointed Greg Zeligman (MT-05) to the California State University Alumni Council Board. Members of the board work as a representative voice of the CSU's three million alumni and play an active role in helping to shape CSU policy and participate in strategic decision-making.

Greg Zeligman is currently an Operations Manager for Moran Towing of Miami in the Ship Assist sector. Prior to his employment with Moran, he was the General Manager for Starlight

Marine Services, which provides harbor services to both San Francisco Bay and the Pacific Northwest. In addition to his Marine Transportation degree, he earned a Master's Degree in Business Administration, a USCG 2nd Mate's license of unlimited tonnage, and a Master of Towing Vessels license.

Prior to college he served 4 years in the Navy as a Boatswain's Mate and reached the rank of E-5. He was decorated with three Navy Achievement Medals, a Meritorious Service Medal and several fleet medals that were earned during his 2 deployments to the Persian Gulf. At Cal Maritime, he made the Dean's list, was class Vice-President, and worked full time on ship assist Tractor tugs in the San Francisco Bay.

After graduation, he sailed on a container ship, an oil tanker, an articulated tug barge, and both Z-drive and conventional ship assist tugs before going shore-side. He has been an active member of the Propeller club since 2007 and was appointed as the Barge Workgroup Alternate Member of the San Francisco Harbor Safety Committee which was a sworn position working to promote the safe operation of barge activities throughout the SFMX jurisdiction.

Greg has served as General Manager at Starlight, he is the operations manager for Moran Towing in Miami, Jacksonville, and has operated numerous Moran vessels. He has over 18 years in the Maritime Industry spent both at sea and ashore.

Suzanne Bailey, who has been instrumental in facilitating Cal Maritime's strategic planning efforts, has been retained to assist the group.

Final findings and recommendations are scheduled for submission to the president at the end of 2017.

"The Alumni Task Force will play a valuable role in advising me, the Alumni Association,

the Academy's foundation board, and our campus community in how we will create the best future for Cal Maritime," said Cropper. 



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## An Interest in the Sea Led International Student to Cal Maritime and a Successful Career

The route that brought Kwan-Hai Mao (57-D) to Cal Maritime was anything but typical. Originally from Shanghai, Mao's family had relocated to Hong Kong — as many others had — after the Communists arrived.

"I was somewhat interested in the sea," Mao recalled. "Through some connection, I got admitted to California Maritime Academy. At the time I picked the school, I didn't have the foggiest idea what I wanted to do as a career."

From uncertain beginnings as — very possibly — the Academy's first international student, Mao carved out a successful career as one of fewer than 100 people in the world who are qualified Average Adjusters in the field of marine insurance.

However, when he first arrived at Cal Maritime, things were not easy.

"It was tough, as a foreigner," Mao said. "I didn't know the difference between a screwdriver and a hammer. English was a second language. I had more than enough English in the books area, but not in the speech area. And I was in this country all by myself."

When the time came to graduate, Mao's recollection was that an exception had to be made for him because he couldn't receive a Coast Guard license or a Naval Commission.

"What I understood was that graduation was actually delayed that day. I wasn't a citizen," Mao remembered. "Someone had to pass a resolution to actually say I could graduate. I think that's what happened."

"After graduation, I was trying to get a job. I took my brother to the [U.S.] East Coast, where he'd gotten a scholarship," Mao said. "My mother saw my graduation, but died a few months later. My father returned to Hong Kong, but my brother stayed with me. I settled him in, and I was trying to get a job."

Mao looked for a seagoing job first. "I couldn't get one," he said. "I didn't fit in. Not even on foreign flag vessels. I was the only one who had graduated [from Cal Maritime] without a license."

"At first I had over 100 employment agency cards in my pocket," Mao remembered. "I sold door-to-door. Then, one day, I saw a very small ad, about a half-inch square, in the Wall Street Journal. Frank B. Hall and Company — later bought by AON — was looking for someone with a marine background to become an Average Adjuster."

Five years of training were required to become an Average Adjuster. So, Mao started at the bottom.

"I didn't know a thing. I just wanted to make a living," Mao said. But nothing was simple. After a couple of years, Mao was drafted into the U.S. Army, following basic training he served as a secretary to the base commander at Fort Stewart in Florida.

"After a few weeks at the job, suddenly the 82nd airborne dropped in overnight," he recalled. "I was told later that was the beginning of the Bay of Pigs invasion."

Later, he requested and received a transfer to Monterey to teach Chinese, before eventually being sent to Fort Eustis, Virginia to teach navigation to officers.



KWAN-HAI MAO

"Eustis was the transportation hub of the U.S. Army which operates the Military Sea Transportation Service. Every one of my students got a third mate's license," Mao said. "I taught them everything that I learned at California Maritime Academy."

"It was very unusual for someone of my rank to teach

officers," Mao said. "I will say, though, that all of my students were utmost respectful. But when I wasn't on that podium, I was back sweeping floors or whatever."

After two years in the army — during which he became a U.S. citizen — Mao was discharged. "The very next day, I was back at work, and I told them 'I'm here, and I need some money,'" Mao said with a laugh.

"I only worked for one firm in my life," he declared. "I eventually worked my way up to Executive Vice President and director. I was responsible for the marine operation of Frank B. Hall around the world."

Average Adjusters are experts in both marine insurance and the application of legal principle of general average, which is technically a sub-section of the admiralty law. They are appointed in the case of a marine casualty resulting in general average as part of a marine insurance policy, acting independently and impartially to bring parties in a common venture to resolution.

He also served as the chairman of the Association of Average Adjusters of the United States — a 120-year-old professional association.

"I worked some very significant claims," said Mao. "And by working on the claims side, I got to know a lot of the ship owners. I got to really know the business. Basically, I was in a service job. You must think very hard if you are in a service job. Think in terms of the customer. What can you do for them?"

"I was able to parlay my knowledge of shipping into a lot of areas," Mao said. "I was happy because I found my job to be pretty easy, and I was able to do my job and also get involved in other things."

"Once you have free time, you do what you want," Mao said. "Whether you make a lot of money at it or not, you should be happy."



*The law of general average is a legal principle of maritime law according to which all parties in a sea venture proportionally share any losses resulting from a voluntary sacrifice of part of the ship or cargo to save the whole in an emergency.*

These days, Mao says that he is "technically retired," but he still serves on some public boards. He credits his time at Cal Maritime with much of his success.

"At the Academy, they teach you the 'what' and the 'how' followed by the actual execution of it all," he said. "But you must not stop learning the 'what' on your own. Graduation is the beginning, not the end."

"I just happened to bump into it accidentally," Mao said of his chosen field. "But I said to myself, 'I want to keep doing this. I think I can do it well — better than other people. And it treated me very well.'" 

## Three Generations CONTINUED FROM PAGE 22

instituted. Following graduation, Anderson worked as a Marine Engineer for companies including Golden Alaska Seafood, Marine Carriers and Chevron. He then took a position with Marine Transportation Services maintaining and repairing container cranes in the Port of Los Angeles. He was then offered a position as the West Coast Maintenance Superintendent for American President Lines in 1995. Once the Andersons were married, they decided to move back home to raise their family, so Darrell purchased his parents' commercial general and electrical construction business which specializes in the installation and maintenance of cellular towers and antennas. Darrell also has a second business maintaining and renting a fleet of race cars at Infineon Raceway. He personally has won several West Coast road racing championships and holds several track records.

The third generation is Zack Anderson (E-20). Zack recently graduated from St. Vincent High School in Petaluma, California. Zack also races cars like his dad and was named San Francisco region Sports Car Club of America Rookie of the Year in 2014 after he won the Super Touring Unlimited Class Championship at the age of 16.

"In addition to the three direct generations, Zack's cousin — Jas Murray is a sophomore at Cal Maritime. It truly is a family affair," said Catherine. 

# Three Generations — with a Twist

SPECIAL THANKS TO CATHERINE ANDERSON

Cal Maritime's Festival and Homecoming Weekend reunited an unusual three-generation legacy family on the campus.

"My son is the third generation to attend Cal Maritime," says Catherine Anderson. "With a bit of a twist."

Catherine Anderson met her future husband at a party. She was introduced to her future spouse — Darrell M. Anderson (E-90) — after he engaged in a conversation with her father — Maynard H. Willms (E-61) — about Cal Maritime.

After graduation from Cal Maritime, Maynard Willms took a job with Crowley Maritime as an engineer on their tugs. One year later, he activated his commission in the Navy and served two years as an engineering officer aboard the USS *Brinkley Bass* — a destroyer based in Bremerton, Washington.

He returned to Crowley as an assistant port engineer at Pier 25 in San Francisco. He became a port engineer the following year and began working in vessel construction. He moved up the ranks to engineering manager and then director of engineering in 1976. During his 38-year career with Crowley, Willms led the design and construction of the first high-speed ferries for San Francisco Bay and directed the start-up of emergency ferry service to help relieve traffic congestion following the 1989 earthquake. He worked with the Sea Racer, Swift and Invader class vessels as well as the design and delivery of three Sea Wolf class ships built in Denmark.

An article in the company magazine also credited him with being "instrumental in such engineering projects as design and construction of the Sea Wolf-Class vessels, the Invader and Sea Swift-Class tugs, the 750 and 580-Class barge, and the new shallow draft tugs Sinuk and Siku. He is currently heading up the design and engineering for the new CMS tractor tugs as well as the double-hulled barges."

In 1996, he moved to Seattle to begin Crowley's Seattle subsidiary - Vessel Management Services as their vice president and general manager. VMSI was charged with building and refurbishing vessels for the company's fleet. In 1998, Maynard was awarded Crowley Maritime's highest honor, the Thomas Crowley Trophy.



(L-R) ZACK ANDERSON (E-20), DARRELL M. ANDERSON (E-90), AND MAYNARD WILLMS (E-61).



MAYNARD WILLMS (E-61), CARL BOWLER (D-59), AND DWIGHT PETERS (E-61) AT CAL MARITIME FESTIVAL AND REUNION WEEKEND.

According to Crowley, Willms was selected from a group of employee nominations for the award because of his "outstanding work in developing vessels in the Crowley fleet including the company's newest cycloidal propulsion tractor tugs, considered among the most advanced in the world. Maynard has worked under the leadership of all three generations of Crowley's and has been instrumental in the building of Crowley's ocean liner vessels, tugs and barges."

Early in his career, as Port Engineer, Willms instituted an Internship Program, which recruited Cal Maritime students. He continued this program as an executive until moving to Seattle. Many of these interns went on to become Crowley employees.

Maynard has also been a guest speaker on campus several times over the years and also arranged the donation of a Crowley model ship to Cal Maritime.

Maynard retired from Crowley in December of 1998, but he continues to hold a seat on the Board of Directors for Hatch and Kirk, a leader in heavy-duty engine parts for the maritime industry.

During his time at Cal Maritime, Darrell Anderson actually worked at Crowley Maritime on one of the internships that Willms had

CONTINUED ON PAGE 21

THE SAN FRANCISCO BELLE AWAITS DEPARTURE FROM PIER 3 BEFORE THE ANNUAL GALA.



# 2016 Cal Maritime Foundation *Annual Gala*

On November 5th, the California Maritime Academy Foundation's Gala was held aboard the San Francisco Belle. The annual event recognizes alumni, friends, and organizations for their contributions to the Academy, and also raises funds to support cadet scholarships and Cal Maritime's educational mission.

In all, seven awards were handed out this year while the Hornblower ship sailed around the Bay with partygoers enjoying dinner, games, and live and silent auctions.

**PHOTOS BY NIKI WARD**



TIM McCARTHY ACCEPTS THE RISING STAR AWARD.

**Tim McCarthy** is the Alumni Association's Rising Star Award winner. The award recognizes graduates who have demonstrated energy, creativity and leadership skills within their own career and in support of Cal Maritime. The Rising Star displays characteristics that show it doesn't take a lifetime to make an impact. Tim is a two-time graduate of Cal Maritime, earning his degree in Marine Engineering Technology in 2005 and a master of

CONTINUED ON NEXT PAGE



science in Transportation and Engineering Management in 2015. In just a little over ten years at Marine Mechanical Incorporated, he was promoted from Crane Service Engineer to Foreman to Superintendent and Project Engineer/Manager, and most recently, Vice President of Marine Technical Services, the parent company of Marine Mechanical. He is active in the alumni association, and he has hired many Cal Maritime graduates and interns over the years.

**Romaine Purdy** won the Lighthouse Service Award. This award recognizes any graduate or honorary alumnus or alumna for their volunteer spirit and significant and notable service to or on behalf of Cal Maritime. Known to almost everyone as "Mom," Purdy has served the Cal Maritime community for nearly 30 years in Dining Services, including 26 summer cruises. She consistently has gone above and beyond for the campus – both on shore and at sea.



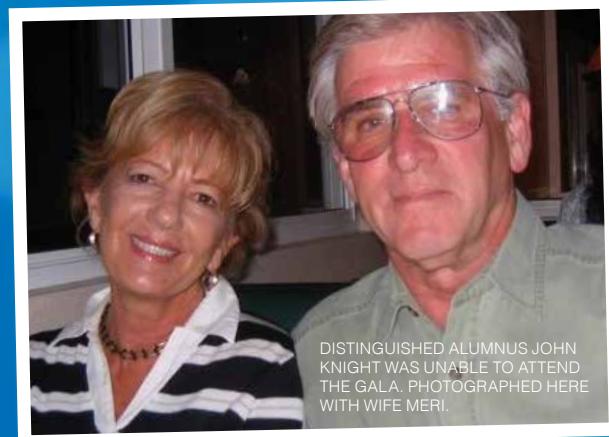
projects, dry-docking maintenance planning and implementation, operations, automation, data network design, advocacy, and efficiency projects. He has lent a hand to the Cal Maritime Alumni Association for many years by hosting summer send-off programs for incoming freshmen and helping to launch the original mentoring program. He also helps to recruit new students, and generously funded a scholarship for cadets.

**John Knight** was also named a distinguished alumnus. John graduated from

**Brian Goldman** was named a Distinguished Alumnus, an award honoring alumni who have made noteworthy contributions to the maritime industry, their profession and Cal Maritime over the course of their careers. Brian Goldman has leveraged his background and knowledge of emergent issues, his attention to detail, his global perspective, and his thirst for continuing education during his career at Chevron Shipping. He

graduated from Cal Maritime in 1995 and got a master's degree in 2006. He has worked around the world on site management, capital

Cal Maritime in 1966 with a degree in Marine Engineering Technology. He sailed with APL and traveled in Europe with his wife Meri before starting a



waterfront repair business that led to boatbuilding contracts. In 1973 Knight and classmate Hugo Carver formed Knight and Carver Custom Yachts. The company designed, engineered, and built over 100 unique vessels and serviced and repaired over 40,000. The company acquired Mission Bay Marina and boatyard, immediately upgrading their capabilities. Then, they outgrew that capacity and moved to a facility on San Diego Bay. Expertise in composite materials led them to enter the wind turbine blade business.

**Hugo Carver** was named a distinguished alumnus. In 1963, Hugo Carver was invited to crew on the first West Coast America's Cup yacht, but instead chose to attend California Maritime Academy. There he rowed whaleboats, winning the Master Mariner's Regatta. Carver graduated in 1966 with a degree in Marine Engineering Technology and a U.S. Navy commission. He sailed on several old C-3's, Victory Ships, and Mariners and spent his free time racing and delivering

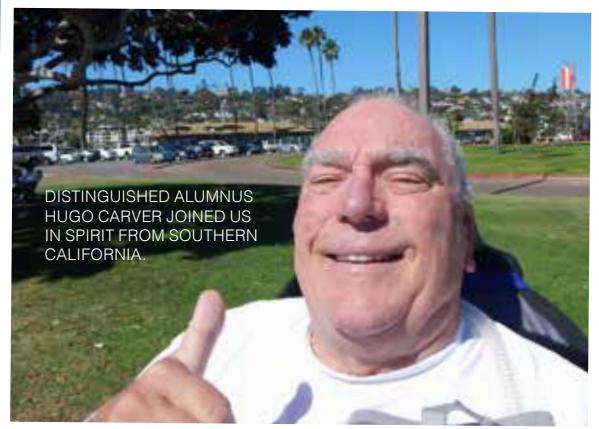
yachts. He later worked as an engineer at Willard Boats, and in 1971, he sailed in the Trans Pac Race to Honolulu. In 1973, he bought the yacht Nirvana, sold his house, and sailed to San Diego, living aboard until 1978. He joined classmate John Knight to form Knight and Carver Custom Yachts, serving as chief engineer and corporate officer until 2013. That year, he started Carver Marine Survey with his wife, before finally retiring for good in 2015.

Power Plant Manager Qualification Program, one of the few civilians to do so. Soon he was promoted to be the General Electric senior training manager at the Naval Reactor Facilities and later transferred to New York. After several years, he left the program and turned to commercial nuclear

power where he was employed by the State of Washington Power Supply System, followed by PG&E. He retired in 2009 from PG&E and went on to chair Cal Maritime's Class of 1963 Scholarship Fund campaign in 2013.

**John Carlier**, a 1983 graduate of Cal Maritime, accepted Cal Maritime's Industry Partner

Award, presented to the San Francisco Bar Pilots. The award recognizes organizations who have established long-term, comprehensive relationships with the Academy, providing not only financial support but volunteer hours, cadet mentoring, internships and much more. The San Francisco Bar Pilots have been guiding the world's largest ships through some of North America's most difficult waterways for more than 160 years. For decades, the Pilots have donated their services to Cal Maritime, guiding the *Golden Bear* to many ports inside the Bay and taking the ship to sea and back to our



DISTINGUISHED ALUMNUS  
HUGO CARVER JOINED US  
IN SPIRIT FROM SOUTHERN  
CALIFORNIA.

**Bob Exner** was named the Lifetime Achievement Award winner. The award honors alumni who have made significant contributions to the maritime industry and to Cal Maritime. Exner graduated from Cal Maritime in 1963, and immediately after graduation, he first shipped out from the Marine Engineers Beneficial Association in San Francisco. His first shore-side job was with Knolls Atomic Power Laboratory at the Naval Reactor Facilities in Idaho, where he became one of the youngest civilian nuclear power plant engineers. He also qualified as a Nuclear Engineering Officer of the Watch, qualified to train both officers and enlisted personnel in the Navy for service aboard nuclear subs and surface ships. Eventually, Bob was promoted to Ship Operations Manager and completed the Commanding Officer/Nuclear



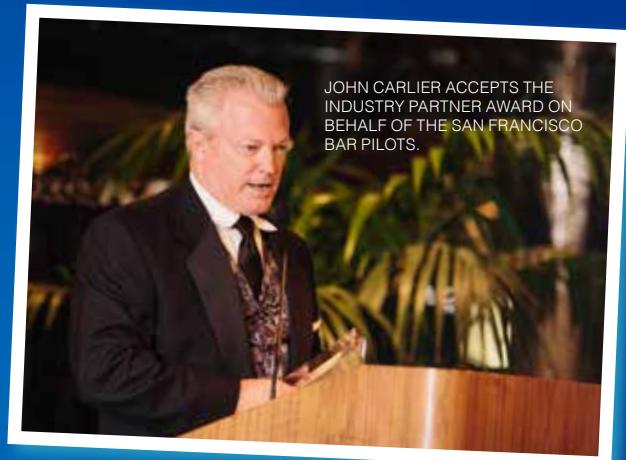
LIFETIME ACHIEVEMENT  
AWARD WINNER BOB EXNER.

pier. While aboard the ship, the pilots work directly with cadet, teaching them piloting and tug assist skills. They have invested their time and resources in furthering diversity outreach for the marine transportation field, including mentoring under-represented students and working closely with Cal Maritime to develop secondary education partnerships. The Bar Pilots also provide significant financial support of student scholarships and established the San Francisco Bar Pilots Endowment Fund at Cal Maritime in 2015. ♪



See more photos from  
the 2016 Annual Gala!

[www.flickr.com/photos/calmaritime](http://www.flickr.com/photos/calmaritime)



JOHN CARLIER ACCEPTS THE  
INDUSTRY PARTNER AWARD ON  
BEHALF OF THE SAN FRANCISCO  
BAR PILOTS.



CLASS OF 1963 AND FRIEND MINI-REUNION.  
(L-R) MANNY ASCHEMEYER, LARRY TEAGUE,  
MIKE HUNTSINGER, AND JOHNNY MADDOX WITH  
RANDY MORTON (E-70).

## CLASS OF 1969

by *Ken Passé*

**Joe Conway** reports that he arrived at the Cathedral of Santiago de Compostela on October 27, after walking 37 days and 800 kilometers. He joined two grammar school pals trekking from St. Jean Pier de Pont France over the Pyrenees across northern Spain. The fellow pilgrims they met along the Way were from all over the world. Misery loves company, so Joe was glad to have his schoolmates and other peregrinos to share stories of blisters, aches and pains, unique food and accommodations. The people along the Way were nonetheless happy and smiling. He reports that sleeping in albergues is not unlike berth deck living on the training cruise. One outstanding highlight was witnessing the Botafumeiro, which he recommends that you check out on YouTube.

He is already shining up his boots for the next Camino, with a plan to maybe walk and bicycle. He requests that anyone thinking about doing it feel free to contact him for discussion. He is also looking forward to the 50th reunion in 2019.

**George "Rick" Engberg** went with his whole family, including his two grandsons, to Oahu for a week in July. They stayed at the Aulani resort and had a

great vacation. He also got together with Tony Rittenhouse this summer to see vintage BMW motorcycles and cars at Legends of the Autobahn.

He is looking forward to spending the holidays with family and friends, and planning to travel next spring to Toronto, upstate New York and Cooperstown. He always looks forward to his next fishing trip in the Sierra.

**Ray McAlister** reports that he and Linda spent two weeks in September traveling by car throughout Scotland, from the Scottish Borders to the Highlands – fourteen hundred miles on the wrong side of the car and the road. Ray's interest was in seeing more of the country and visiting the places where his ancestors lived. He had learned through family research that he is descended from the Dalriadic Scots who moved from Ireland to what was then Alba in the third and fourth centuries. Alba subsequently became Scoti and then Scotland. Ray even managed to get in a round of golf.

Ray met a Cal Maritime graduate at the Edinburgh airport Hilton. The grad approach Ray because Ray was wearing his Cal Maritime jacket.

Ray is now finishing his fourth year of retirement. He and Linda travel as often as they can, and do those things working people do on the weekend during the week which includes playing golf on Mondays.

After a career spanning 47 years in the maritime industry, **Paul Nave** (E) has decided to take the path to retirement. Nave sailed on steamships (including Victory and Mariner class vessels) as well as factory fishing trawlers and tugboats. He later transitioned to project management and was responsible for several

large projects including disaster relief to the earthquake-torn Haitian capital of Port au Prince and assisting in getting the port operational after the massive destruction to the facilities there.

He is now living with his wife of 40 years, Mary, in rural Issaquah, Washington, with travel and hiking the local hillsides on the agenda.

Nave reports that Cal Maritime has provided him with a wonderful, varied career and lifestyle which he would not trade for anything.

"As the school continues to grow and evolve it is only getting better each year offering its students and alumni more of what life has to offer," he said.

## CLASS OF 1979

**Thomas Edwards** (MET) has joined the faculty of Adele Harrison Middle School in Sonoma, California to teach sixth-grade science and citizenship. In addition to his degree from Cal Maritime, he has multiple subject teaching credentials from St. Mary's College. Most recently, Thomas taught at Martin Luther King Jr. High School in Pittsburg, California.



## CLASS OF 2003

**Garrett Huffman** and his wife, Carolyn, welcomed their second son, Luke Thomas Huffman, on June 27, 2016.

## CLASS OF 2005

**LCDR William C. Albright** (MT) was selected to a six-month fellowship where he worked with Tesoro Corporation

and the US Army Corps of Engineers. Upon completion he will be working in the Office of Waterways Management and Ocean Policy detailed to US Coast Guard Headquarters in Washington, DC. He now lives in Stafford, Virginia with his wife, Heather and two children, daughter Reese (8) and son Lincoln (5).



**Charles Black** (MT) is with Military Sealift Command, sailing as Master aboard the USNS *Choctaw County* in the 5th fleet. He lives in San Diego with his wife Diana and daughter Daniella.

**Nicholas Lane** (MT) is an attorney at Grofeld Hoffman, LLP's San Francisco office. He practices in civil litigation, focusing primarily on maritime law and subrogation matters. He litigates various marine casualties in both state and federal court including collisions, cruise ship accidents, commercial and recreational fishing accidents, and injuries to merchant mariners.

**Daniel Joseph Von Der Ahe** (MET) published an illustrated novel, *The Fantastic Strange*.

## CLASS OF 2012

### CLASS OF 2012

**Lt. Tyler Hayes** (MT) has completed his service obligation with the United States Navy as an active duty officer. He commissioned through the SSO program upon graduation and has since served as a Surface Warfare Officer on two ships based out of San Diego: the USS *Chancellorsville* where he served as the gunnery officer and the USS *Comstock* where he served as the auxiliaries engineering officer. His wife, Janice Hayes, serves as a nuclear propulsion officer onboard the USS *Carl Vinson*. He continues his service in the Navy's reserve program and hopes to pursue a maritime related career in San Diego.



**Jamila Reinhardt** represented the United States at the 2016 Women's Rugby Super Series, held in Salt Lake City in July.

"I never thought I would make it to this point in my rugby career," Reinhardt said. "Of course I love this game and social experiences, but to be taken to an international level is still mind-blowing me. All the long hours of pushing my body to its limit, time off of work, travel, the money spent, the discipline in my diet and training makes it all worth it for just the opportunity to prove myself and become a strong rugby player."

Reinhardt is also a lieutenant in the U.S. Navy, serving as a cryptologic warfare officer.



SIX CAL MARITIME GRADS SPANNING THREE DIFFERENT DECADES MET UP AT VFW POST 3457 IN GARAPAN, SAIPAN, CNMI FOR A 4TH OF JULY PARTY. ALL SIX ARE EMPLOYED BY PATRIOT CONTRACT SERVICES ABOARD WATSON CLASS VESSELS USNS *SODERMAN*, USNS *DAHL*, USNS *RED CLOUD*.

(FROM L TO R) SEAN SABEH (09-MT), DOUG NAGY (89-MT), CENTER BACK: CRISTINO MOLINA (10-MT), CENTER FRONT: PHIL CRISFIELD (91-MT), MIKE LEE (91-MT), MARK SHARTEL (91-MET).

Five Cal Maritime grads – Steve Roberts (77-D), Tom Hill (77-D), Jim Morgan (76-D), John Betz (76-D), and Mike Rubino (76-D), sailed from San Diego to Cabo San Lucas as part of the Baja Ha Ha cruiser rally. The boat, a Catalina 470, will winter over in La Paz.



CAL MARITIME ALUMNI RICK LEACH AND TODD BLISS COMPETED IN THE 2016 GREAT PACIFIC RACE. CREWS OF TWO AND FOUR RACED AGAINST EACH OTHER FROM MONTEREY, CALIFORNIA TO WAIKIKI, HAWAII. TEAM ROW ALOHA FINISHED IN 54 DAYS, 22 HOURS, 17 MINUTES.

## WE WANT TO HEAR FROM YOU!

Tell your fellow Cal Maritime Alumni what you're up to by sending submissions to [alumni@csum.edu](mailto:alumni@csum.edu) or to the class scribe listed for your class on the alumni website, [alumni.csum.edu](http://alumni.csum.edu)

>>Click on GET INVOLVED  
>>Click on CLASS SCRIBES

# Crossed the Final Bar



WILLIAM HODGEN EZELL



WILLIAM HODGEN EZELL

## CLASS OF 1944

**Lt. Cdr. U.S. Navy (Ret) Robert C. Kelly** died in Mesquite, Nevada on January 28th, 2015 at the Highland Manor. Kelly was born in San Diego on July 26th, 1922.

He saw duty during WWII, Korea and Vietnam. He also graduated from Oregon State University (B.S. Geology) and got an MBA from the University of Washington.

He was preceded in death by his first wife Marylou Ferguson, his father, Albert C. Kelly, his mother, Mita Kelly Prignitz and his sister, Marjorie Kelly Sholes. He is survived by his wife of 29 years, Starla Jewell-Kelly, two daughters, Luanne Hurl (Jim) and Shannon Kelly, three stepchildren, R. Kevin Jewell, Errin Jewell and Tara Jewell-Mixon, (Richard). He leaves four grandchildren, four step-grandchildren and six great grandchildren. He is also survived by two nephews, Brian Shoes (Ann) and Kelly Sholes (Erin).

Bob and Starla retired to Mesquite in 2004 where he enjoyed the golf courses. Bob was a lifelong Elk, Mason and Shriner. Kelly loved to travel and he and Starla saw much of Europe, with his favorite spot being St. Andrews golf course. He travelled the world while in the Navy, with the Pacific Rim countries being the major ports. He was a mountain climber with his last climb being Mt. Hood in Oregon at age 65. He climbed down the Grand Canyon at age 60.

Kelly worked in management for Scott Paper, the Boeing Company, and taught at Cal Maritime and Blue Mt. Community College, (BMCC). He retired from BMCC in 1987 as Dean of Instruction.

## CLASS OF 1946

**William Hodgen Ezell** passed away in New London, Connecticut on August 13. He was 89. In the 1960s through the 1980s, Ezell made significant contributions to submarine silencing.

Ezell was born in Long Beach, California October 9, 1926, son of Lillian May Hodgen and William Robert Ezell, an Alabama plantation owner. His former wife, Virginia, and daughter, TinaLee, predeceased him.

He developed a love of music at an early age in Pasadena, California where he was a boy soprano soloist in the famed two hundred member Pasadena Boys Choir. His love of music continued in his college days at Occidental College and the Connecticut Symphony Orchestra & Choir as tenor soloist.

Ezell served with the Merchant Marine as well as the U.S. Navy during the Korean War on the USS *McNair* as Engineering Officer. He was also a graduate of the University of Connecticut. Mr. Ezell joined Electric Boat/ General Dynamics in 1954 and was one of the first few new engineers and scientists at the newly formed Research & Development Department. Because of his interest in sound and music and marine engineering, he was allowed to be a free thinker and encouraged to be innovative and often used novel techniques in his approach to submarine silencing. He expanded the group with many talented engineers and scientists and became chief of the Sound & Vibration department at EB. This department made very significant contributions to the stealth of submarines which gave the United States a great advantage in naval sea power during the Cold War. His leadership and efforts were paramount in achieving these results.

He retired from EB/GD in 1987 having worked on the Nautilus, Seawolf, Skipjack, Scorpion, George Washington, Narwhal and the later SSN 688 class submarines in the quieting and sonar improvement areas and later in more classified silencing work. After his retirement from EB, he worked for Bolt, Beranek & Newman as a consultant and in 1991 he was elected a Fellow of the Acoustical Society of America.

## CLASS OF 1947

**Richard (Dick) Holmgren** of Newport Beach died peacefully at age 90. Born in Los Angeles and raised in Arcadia, Dick served in the U.S. Navy Reserve. After Cal Maritime, he received multiple accounting degrees from CSULA and USC. He became a CPA and over the course of his 60-year career founded two firms; Holmgren & Sawyer, and Holmgren & Hawkins.

Holmgren was active as a volunteer and in leadership with the Whittier Lion's Club, the Bahia Corinthian Yacht Club, St. Andrew's Presbyterian Church, and the California Society of CPAs. Dick was an active member of the Newport-Balboa chapter of Rotary International for 37 years. As a Paul Harris Fellow, he devoted much time and resources helping people in Orange County as well as supporting Rotary's goal of eradicating polio worldwide. Holmgren was most proud of his family, with whom he shared his love of sailing and travel. Most weekends, he and the family could be found sailing Newport Harbor and the local coast. He travelled extensively throughout the world.

Holgren is survived by his wife of 55 years, Eve, his children, Keith, Eric, John and Christina, and by his eight grandchildren.

## CLASS OF 1948

**Stuart P. (Parnell or "Pat") Carney** finished his last watch Thursday, September 29, at age 88 due to pulmonary difficulties. Born in Indiana, he came to San Pedro in 1931. After graduating from high school in the summer of 1945, he entered Cal Maritime.

After graduation in 1948, he sailed as a marine engineer. In 1950 he enrolled in USC, working as a night engineer aboard merchant ships to pay expenses. To satisfy his military obligation, he was in the Navy for four years, 1951-1955.

In 1954 he wed Marilyn Mudge. Later, in civilian life, he joined the marine department of Associated Oil (later Tidewater and then Getty), finishing his maritime career with Wilmington Transportation. He always considered himself very fortunate to have a good life and exceptionally blessed by a loving and always supportive wife, Marilyn. Their union was rewarded by daughter Susan. Other affiliations were Journey of Faith Church in Manhattan Beach and the Los Angeles Maritime Museum.

## CLASS OF 1956

**William Doherty** passed away on October 20. Bill retired from ARCO Marine as Captain. He is survived by his wife Carolyn.

## CLASS OF 1961

**Glenn Alton Phinney** (E-61) passed away on September 14 after a long illness. Phinney grew up in Vallejo and graduated from Vallejo High in 1958.

Phinney shipped throughout the 60s raising his license to 2nd Engineer. He also held a commission in the U.S. Navy Reserve as a Lt. j.g. Coming ashore in the 1970s, he earned a master's degree in accounting and became a certified public accountant, servicing small businesses near San Mateo. His accounting work led him to join Hammon Plating in Palo Alto, a supplier to the microchip industry. He rose to become Vice President and General Manager of Hammon, a position he continued to hold at the time of his illness. He lived in San Mateo most of his life, but had recently moved to a new home in Belmont, overlooking the Bay. He enjoyed travel, especially to Europe, and liked to take long-distance bicycle rides on weekends. Glenn had a great time reconnecting with many good friends at Cal Maritime's Class of 61 50th reunion held in 2011.

Glenn is survived by his wife Katie, brother Hugh, son Sean, daughters Larissa P. Wilson and Megan P. Dale and eight grandchildren.

## CLASS OF 1962

**Kenneth Paul Fisher** of Saratoga died at home on August 8, 2016, surrounded by his wife Marilynn, son Justin, and other family members. Fisher was born on July 29, 1941, in San Francisco to Robert and Kathryn Fisher. He grew up in Burlingame and attended Burlingame High School where he excelled in science and mathematics, and played football and baseball.

After graduation from Cal Maritime, Ken was commissioned as an officer in the U.S. Navy Reserve and sailed transport ships in the Pacific, including bringing goods up the Mekong Delta and Saigon River as the Vietnam War was beginning. During his career he sailed the Pacific, the Atlantic, the Mediterranean, the Indian Ocean, and through the Suez and Panama canals. At a young age



STUART P. CARNEY



GLENN ALTON PHINNEY



KENNETH PAUL FISHER



CAPT. MAX R. MILLER, JR.



STUART PARRISH KEDDIE



JAY DOUGLAS THOMAS

he rose to the rank of Captain and sailed on the Atlantic and Caribbean, and then SeaLand container ships on the Pacific routes until his retirement in 2004.

Ken was an active person with many hobbies, talents, and interests, including backpacking, fishing, camping, gardening, water skiing, Alpine skiing, Giants baseball and Forty-niners football. In later years, Ken enjoyed salmon fishing in Kodiak, Alaska and whitewater rafting in Oregon and Idaho, and shooting at his brother's ranch in Oregon.

### CLASS OF 1962

**William Henry Lehman Jr.**, aged 74, much-loved husband and father passed away peacefully on February 24, 2016. Bill is survived by Patti Allan Lehman, his wife of 22 years. He spent his career working in the maritime industry and earned his Master's license along the way. Bill loved sailing, tinkering and working on projects; he was someone who could fix most anything. He volunteered at the Center for Wooden Boats, teaching at-risk youth to sail. In addition, Bill is survived by his son Andrew Lehman, his wife Adrienne and their son Damon. Bill's daughter is Kirsten Peterson, wife of Darryl Peterson. Bill also has a sister, Katherine Fairchild.

### CLASS OF 1971

**Captain Max Robert Miller, Jr.** (MET) died Friday, April 22, 2016, in Calhoun County, Mississippi.

Miller was born in Bakersfield in 1949. After graduating from Cal Maritime, Max served as a fire fighter in the Kern County Fire Department and served in the United States Coast Guard. He and his wife, Janice Miller, traveled as a military couple from coast to coast and from Texas to Alaska. He and Janis finally settled in Oxford, where Max worked for the University of Mississippi and serving as Deacon at College Hill Presbyterian Church.

Miller is survived by his wife of forty-five years; son Patrick Miller and his wife, Rachel and son Ryan Miller and his wife, Erin; sister, Patricia Armstrong; brother, Greg Miller; five

grandchildren; Lela Margaret, Treat, Shirley Cate, Gracie, and Max and several nieces and nephews.

### CLASS OF 1973

**Bob Onstot** passed away after a long illness, peacefully while listening to music. He is survived by his daughters Shannon and Andrea Onstot.

### CLASS OF 1981

**Stuart Parrish Keddie** (D) died on Saturday, June 4. Keddie was born on September 5, 1957, to Douglas and Elizabeth Keddie, in Phoenix. The family moved to Yuma in 1959. He is survived by his sisters and brothers-in-law, Cam and Kevin Foster-Keddie of Olympia, Washington, and Sarah and Brad Klann of San Diego, and by his brother and sister-in-law, Hamilton and Ana Keddie of Phoenix, as well as numerous nieces and nephews.

### CLASS OF 1988

**Jay Douglas Thomas** (NIT) died on July 25, 2016. He was found in Lake Travis near his home in Austin, Texas. He was 51.

Jay lived in Austin and shipped out of Seattle. He is survived by his father, Ray Thomas (Donna), brother, Baylen Thomas (Leslie), sister, Rayelle Thomas and their children. He was preceded in death by his mother, Saylor Thomas.

### CLASS OF 1990

**John Charles Vronay** passed away on September 5, 2016.

During training cruises, he was known to entertain classmates by playing a guitar that still has sand in it from a beach in Indonesia. He went on to earn a master's in mechanical engineering from the University of Wisconsin. He was a sought-after expert on cogeneration plants, traveling the world to consult on projects and applying his engineering expertise to solve problems in unique ways. His technical papers were a fixture at conferences where he was also a popular speaker.

He had a great love for the ocean and appreciation of all it held, and he never met an

engine he couldn't fix. He is survived by his wife Faeza and daughters Elissa and Sarah.

## CLASS OF 1999

**Captain Marc Wentford Webster** (BA) of Vallejo, passed away June 11. He was born in Oakland, and served 36 years in the Military Sealift Command. He enjoyed travelling, literature, writing, and baseball.

Webster is survived by his mother, Nona Webster of Vallejo; step-mother, Linda Webster of Santa Rosa, and brother, Scott Webster of Portsmouth, VA. He is preceded in death by his father, Staten Webster.

## CLASS OF 2013

**First Lt. Jeffrey Cooper** (GSMA) died in an accident while traveling in Kuwait and serving in the 101st Airborne Division.

Cooper, of Mill Creek, Washington, was deployed in support of Operation Inherent Resolve. He was an infantry officer assigned to Headquarters and Headquarters Company, 2nd Battalion, 502nd Infantry Regiment, 2nd Brigade Combat Team, 101st Airborne Division.

He joined the Army in June 2013 and had been assigned at Fort Campbell, Kentucky, since July 2015. Cooper's awards and decorations include the National Defense Service Medal, the Global War on Terrorism Service Medal and the Army Service Ribbon.

**Jack Meehan**, 31, of Laguna Beach, died in a tragic bicycle accident on October 26 in Santa Cruz.

He was an accomplished athlete at Santa Margarita Catholic High School, where he was captain of the football team and set several records including the school's all-time record for most tackles in a career. In addition to a Marine Transportation degree from Cal Maritime, he earned a bachelor of arts degree in Spanish from San Francisco State University.

After completing his degree and licensing at Cal Maritime, Meehan began a promising career as a professional mariner working for the Alaska Tanker Company. Motivated and disci-

plined, Meehan was on an accelerated career path with the company, achieving the rank of second mate of the Alaskan Frontier early, and was on track to soon become chief mate.

An avid surfer and accomplished waterman, his love of the ocean inspired a lifelong respect for the environment.

Meehan is survived by his parents, Kevin and Betsy; his siblings, Camron, Joe and Erin; his brother-in-law, Brandon; his large extended family; and his many friends.

Donations may be made in his memory to the Jack Meehan Scholarship Fund through the Cal Maritime Academy Foundation, 200 Maritime Academy Drive, Vallejo, California, 94590.

**Billy Prior**, a World War II veteran, who experienced the fury of the Buzz Bombs in London, was in the Battle of Normandy, was one of the first women soldiers to arrive in Paris after its liberation, and who received the Croix de Guerre with Bronze Star, has died.

She was a member of Cal Maritime's Golden Bear Society and a volunteer with Sempervirens Fund for 33 years, a non-profit organization dedicated to preserving the land and redwoods in the Santa Cruz Mountains, and was awarded commendation in a resolution from the California legislature for her work with the redwoods.

She was the mother of the late Captain Michael Prior Bates, and is survived by her son, Robert C. Bates, four grandchildren, and six great-grandchildren.

In her memory, donations may be made to the Michael Prior Bates Memorial Scholarship Fund, California Maritime Academy Foundation.



JOHN CHARLES VRONAY



CAPT. MARC W. WEBSTER



JACK MEEHAN



THE U.S. NAVY'S BLUE ANGELS FLEW DIRECTLY OVER THE TRAINING SHIP *GOLDEN BEAR* DURING DAY ON THE BAY. PHOTO BY AUBREY TRUJILLO.



(L-R) BUD SCHMELTZ (56-E), RALPH BROWN (56-E), JIM BRYANT (56-E), JACK HUTCHISON (56-E) ATTENDED THE ALUMNI RECEPTION DURING CAL MARITIME FESTIVAL AND REUNION WEEKEND.



ROGER HAMMOCK (FATHER OF CADET BRITTON HAMMOCK) AND MARCEL BATOON (FATHER OF CADET ANDRE BATOON) REPRESENTED CAL MARITIME AT THE GREATER LOS ANGELES AREA COUNCIL OF THE BOYS SCOUTS OF AMERICA YOUTH EXPO AT THE ROSE BOWL IN OCTOBER.



(L-R) BOB PIAZZA (65), JOE MACHADO, DISTRICT 16 COMMANDER OF THE VETERANS OF FOREIGN WARS, AND CALIFORNIA STATE SENATOR JIM NIELSON ATTENDED THE VETERANS DINNER ON CAMPUS AT CAL MARITIME. PHOTO BY KAREEM GEDRA.



HUNDREDS OF ALUMNI, FAMILIES, AND FRIENDS OF CAL MARITIME ATTENDED CAL MARITIME FESTIVAL AND HOMECOMING FESTIVITIES THIS YEAR, INCLUDING DOZENS OF CHILDREN WHO ENJOYED A WIDE VARIETY OF ACTIVITIES ON THE WATERFRONT.



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

**12**  
Men's and Women's  
Basketball vs. La Sierra

**14**  
Men's and Women's  
Basketball vs. Antelope Valley

**16**  
Martin Luther King Jr. Day

**24**  
Men's and Women's  
Basketball vs.  
Northwest Indian

**26**  
Women's Basketball vs. UC

**28**  
Men's Rugby Super Saturday

## January

All listed athletics events  
are at Cal Maritime.  
For a list of all athletics  
events visit  
[cmakeelhaulers.com](http://cmakeelhaulers.com)

**1**  
Men's Rugby vs. UC Berkeley

**2**  
Men's and Women's  
Basketball vs. Embry Riddle

**4**  
Men's and Women's  
Basketball vs. Benedictine

**14**  
Spring Career Fair

**16**  
Men's and Women's  
Basketball vs. Simpson

**18**  
Men's and Women's  
Basketball vs. Pacific Union

Men's Rugby vs. USF

**24**  
Men's Rugby vs. Santa Rosa JC

**25-28**  
Cal Pac Men's and Women's  
Basketball Tournaments

## February

**9-11**  
Women in Maritime  
Leadership Conference

**10-12**  
Port of Los Angeles  
Harbor Cub

**16**  
Men's Rugby vs. CSUMB

**31**  
Cesar Chavez Day

**1-2**  
Men's Rugby – NSCRO  
Pacific Coast Cup

**8**  
Cal Maritime Day for  
Admitted Students

**22**  
Commencement

## April

**23**  
Training Cruise I Begins

**24**  
Training Ship *Golden Bear*  
Reception – Sacramento

**TBD**  
Training Ship *Golden Bear*  
Reception – Honolulu

**14**  
Training Ship *Golden Bear*  
Reception - Seattle

## June

### 4TH THURSDAYS

Join Cal Maritime for monthly,  
casual gatherings in major  
cities around the nation and  
beyond.

[alumni.csum.edu/  
4thThursdays](http://alumni.csum.edu/4thThursdays)

Submit your class notes  
online at [alumni.csum.edu](http://alumni.csum.edu)

>Click on **GET INVOLVED**

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