

Cal Maritime



BRINGING THE HEAT

MARITIME SAFETY &
SECURITY CENTER OPENS

From the President



PRESIDENT THOMAS CROPPER

Over the past decade, Cal Maritime has traveled a path that keeps us responsive and relevant to the broader maritime professions we serve. Whether it has been the successful maturation of the Global Studies and Maritime Affairs curriculum, addition of modern water survival facilities, or introduction of the International Safety Management (ISM) program aboard our Training Ship *Golden Bear*, we believe in meeting our long-standing obligations to industry, government and the people of California.

We believe that we have an equal obligation to sustain the career competitiveness of our current students and recent graduates. For certain, Cal Maritime must continue to deliver cutting-edge undergraduate instruction. This alone, however, will be insufficient in the emerging workforce. Many generations of maritime professionals have been able to sustain their careers solely with a bachelors degree, with post-graduate degrees generally considered elective or even “nice to have.” Today’s graduates face a very different professional environment that rewards those with post-graduate degrees and professional education, expects quick integration of new techniques and technologies, and demands continuous reappraisal of their knowledge and competency.

Cal Maritime is adapting to meet these career needs. It starts at the Academy with an approach that features a centralized site for academic and career services, achieved through conversion of the old Mess Deck to a new student services center. In this new facility, staff will provide current and future students with a single, convenient location for many important activities such as applying for financial aid, gathering information about admission, planning internships and commercial cruises, career guidance, class registration, paying fees and more.

Similarly, maritime professionals across the Pacific will benefit from focused, ongoing and career-vital professional “re-blueing” as Cal Maritime becomes a one-stop resource for all things maritime. The new Maritime Safety and Security Center in Richmond, California is a treasure trove for first responders, mariners and shore-side professionals. The Center is a resource for training and collaboration on issues related to maritime and transportation-related safety and security. This is how we help our graduates sustain their excellence.

Ultimately our graduates will need post-graduate education to grow professionally and remain competitive in the workforce. This is where our current Master’s degree program allows Cal Maritime graduates to shine. Similar advanced degree programs could be developed in the future. Learning from a world-class faculty who are frequently called upon by the broader industry to provide information and insights into maritime-related issues keeps our graduates at the leading edge of maritime professionalism.

In this issue, you can find many stories highlighting important and exciting things that are happening at Cal Maritime that will transform the maritime industry for decades to come. Whether you’re a graduate of Cal Maritime, an industry partner, the parent of a current student, or just someone interested in maritime industry and education, we’re glad you’ve decided to join us. We’re building a better tomorrow – today.

Sincerely,

Thomas A. Cropper
President

SUMMER 2015

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THE FACILITY'S GRAND OPENING.



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FIREFIGHTERS DEMONSTRATE THE CAPABILITIES OF THE FIRE TRAINING SIMULATOR FOLLOWING GRAND OPENING FESTIVITIES ON APRIL 8, 2015. PHOTO BY BEN AILES.

CAL MARITIME UNVEILS STATE-OF-THE-ART TRAINING CENTER FOR FIRST RESPONDERS, INDUSTRY

Scarcely a week goes by without a high-profile news story highlighting the importance of safety and security training in the transportation industry. Until now, first responders and industry professionals in the western United States seeking this critical training had few options. A pioneering public-private partnership between Chevron Richmond Refinery and Cal Maritime has changed that.

The Cal Maritime Safety and Security Center, the only facility of its type west of Texas, began offering its first courses and specialized training last fall. The official ribbon cutting and grand opening was held in April.

The Maritime Safety and Security Center, located in Richmond, is a resource for the training of first responders from local,

state, regional and federal agencies. The Center also provides customized training and professional development courses for industry professionals. The campus is more than six acres in size and is currently home to a 9000 square foot office and classroom building as well as a 140-foot fire training simulator.

"The MSSC fills training gaps for law enforcement, fire and emergency management first responders," said Bruce Clark, Cal Maritime's director of maritime security projects. "The Center focuses on standardized training that promotes collaboration between agencies. The goal is to create a network of capabilities to plan



for, prevent, mitigate and recover from all potential disasters.”

“Chevron is proud to collaborate with Cal Maritime to develop this unique facility,” said Kory Judd, Richmond Refinery General Manager. “A center like this will train current and future generations of first responders from around the state and the country.” Chevron provided the land on which the Center is built and the funding to leverage a federal port security grant.

In addition to marine firefighting and safety, the Center also offers training on industrial firefighting and emergency response, small arms certification, HAZMAT training, small boat operations and

maritime security certification. Ongoing professional development courses are also offered through the center, and customized courses can be designed.

Current undergraduate students at Cal Maritime also receive specialized training at the Center, and more courses will be offered in the future. Instructors at the Center are experienced veterans who hold nationally recognized training certifications.

Visit www.csum.edu/mssc or call (510) 231-5865 for more information.



Invest in our cadets and faculty. Invest in Cal Maritime.

The Maritime Fund allows the University to go above and beyond – providing funds to students, faculty, and staff to purchase specialized equipment and computer programs, to attend academic and industry conferences and competitions, for assistantship stipends, or for professional development.

In recent months, the fund has given students the opportunity to tour the Toyota Distribution Center in San Ramon, supported faculty presenting research at international conferences, and assisted students in the completion of class projects.

Making a tax-deductible gift to the Maritime Fund enriches the educational experience at Cal Maritime. Your support creates opportunities that impact the entire campus and ripple out into the region and the global maritime industry.

www.csum.edu/maritimefund



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**MARITIME
FUND**

Photo Contest Offers a Glimpse into Cal Maritime Student Life

Cal Maritime provides students the unique opportunity to see the world through the Cruise and International Experience programs. Cal Maritime's 2nd Annual Photo Contest allowed students to share the images they captured during these experiences. This year, a new category was added, "Life at Cal Maritime", which provided an even greater perspective into what Cal Maritime students experience during their time at the University.

"I wanted to give students an opportunity to share their creativity and experiences with the broader campus community. Our students

INTERNATIONAL EXPERIENCE CATEGORY

1ST PRIZE

DANA CONRAD (Business Administration)
International Experience - Casablanca, Morocco

2ND PRIZE

JORDAN ANKER (Business Administration)
International Experience - Hoi An, Vietnam

3RD PRIZE

SARAH GUERRERO
(Global Studies and Maritime Affairs)
Generations of Women,
International Experience - Assilah, Morocco



1ST PRIZE

CRUISE CATEGORY

1ST PRIZE

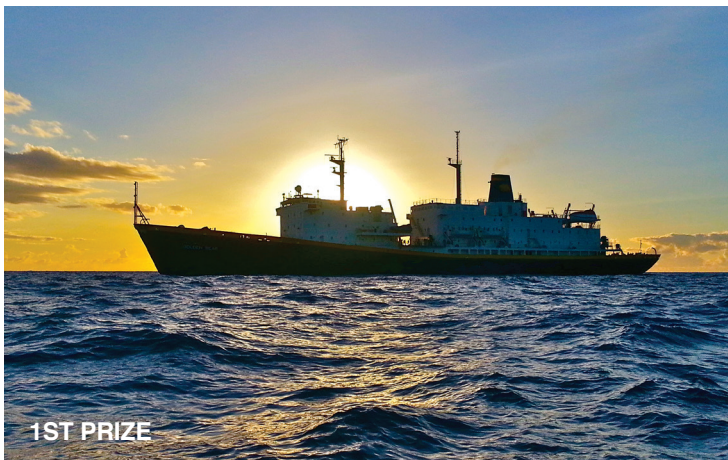
GALEN MACDONALD (Marine Transportation)
Rubber Docking and Maneuvering off Lanai, HI.
TSGB Cruise.

2ND PRIZE AND PEOPLE'S CHOICE WINNER

FRANCOIS POWELL (Marine Transportation)
Ships at rest in Saipan. Cruise.

3RD PRIZE

ERIK HANSON (Mechanical Engineering)
Swimming with turtles in Hawaii. TSGB Cruise.



1ST PRIZE

LIFE AT CAL MARITIME CATEGORY

1ST PRIZE

ZACHARY HARMON (Marine Transportation)
Day on the Bay on the bridge, San Francisco Bay.

2ND PRIZE

ALEXANDER R BROOM (Mechanical Engineering)
Day on the Bay Sunset, Cal Maritime.

3RD PRIZE

XAVIER BUSHNELL (Business Administration)
Students Avoid the Staircase, Cal Maritime.



1ST PRIZE

have so many unique experiences, but since we don't have a formal art program on campus they have limited outlets to share their creative expression," said Margot Hanson, the Library's instruction and outreach librarian and co-organizer of the contest.

Judges for the photo contest, made up of faculty, staff, and students, reviewed over 150 photos submitted by 37 students. Winners were recognized in three categories: International Experience, Commercial Cruise or Co-ops, and Life at Cal Maritime.

The campus community had the opportunity to select a "People's Choice" winner among the nine selected photographs. The winning images are on display in the Cal Maritime Library. The photo contest was organized by the Cal Maritime Library and cash prizes for the competitions were made possible by the Maritime Fund.

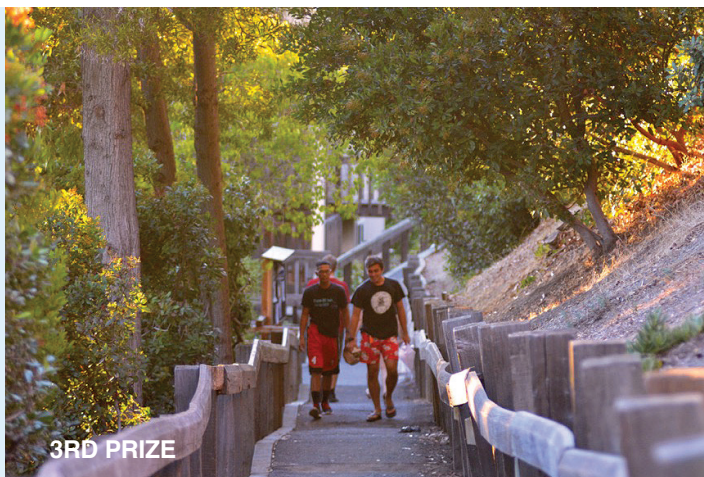




PHOTO BY BEN AILLES

Cal Maritime Celebrates 20 Years in the CSU and the “Class of Three Million”

This year, Cal Maritime is celebrating 20 years in the California State University system. Also this year, the CSU is crossing the milestone of having three million alumni worldwide. Cal Maritime's April Commencement Ceremony was the earliest in the 23-campus system, making the Academy the first campus in the state to celebrate the three million alumni milestone.

The keynote speaker was Congressman John Garamendi of California's Third Congressional District. Garamendi, elected to Congress in 2009, is the ranking member of the Coast Guard and Maritime Transportation Subcommittee.

In all, 213 undergraduates and 14 graduate students from the Master's Program in Transportation and Engineering Management received their diplomas. Commencement was preceded by the Military Commissioning and the Senior Academic Awards Ceremony.

Old Dining Hall Transformed

Incoming and current students now have a central location where they can access many student-related services at Cal Maritime. Work was completed in the spring that has converted the old dining hall into a new one-stop resource for student services.

The building is home to Admissions, Career Services, Financial Aid, the Registrar, Cashier's Office and the Office of Student Conduct. The layout also includes meeting and student study spaces, and this fall a bistro will open, providing another campus dining option.

A grand opening ceremony will be held when classes resume in the fall.



Thank you
to our many Cal Maritime donors for making our cadets' education more affordable, and allowing them to put their focus where it should be — on their education, not their finances.

195 donor-funded scholarships totaling \$391,226 will be awarded in the 2015-16 academic year.

THE *GOLDEN BEAR* PASSES UNDER THE GOLDEN GATE BRIDGE ON THE FIRST DAY OF THE SUMMER TRAINING CRUISE. PHOTO BY ALEXANDER BROOM.



THE TRAINING SHIP *GOLDEN BEAR* DEPARTS CAMPUS FOR THE FIRST OF TWO SUMMER TRAINING CRUISES. PHOTO BY ALEX WILSON.

CRUISE 2015

Cadets sailed the Training Ship *Golden Bear* out of San Francisco Bay on Sunday, April 26 for the first of two training cruises this summer. Both cruises will pass through the Panama Canal, and scheduled stops along the way include the U.S. Virgin Islands, Barcelona, Naples, Boston and Long Beach.

The crew of students, faculty and staff members will change on June 25 in Boston when the second cruise begins. In all, the T.S. *Golden Bear* will travel 26,000 miles before returning to campus on August 24.



(L-R) LUCAS MITCHELL, LUIS ROBLES MAGAÑA, ANASTASIJA KUPRIJANOVA, REBECCA PLANTONI, RAMONA PEREZ, ALEJANDRA SALGADO, AND MATT SAXTON. PHOTO BY MELISSA COHEA.

Maritime Leadership Symposium Sheds Light on Maritime Issues

Seven students joined Cal Maritime's contingent at this year's California Maritime Leadership Symposium in Sacramento.

The symposium is focused on briefing Sacramento's policymakers on key matters related to the entire Maritime Transportation System. It is the only comprehensive forum for port executives, commissioners and other stakeholders across the state to seek resolution to the growing challenges the Maritime Transportation System faces.

The students' registration and travel to the event were provided by the Maritime Fund. Bruce Clark, director of maritime security at Cal Maritime, has served as the executive planning co-chair for the last two years. In addition to participating in the conference, students are afforded the opportunity to mingle with a cross section of participants from the maritime industry and policymakers in state government.

NEW OCEANOGRAPHY CLUB HITS THE WATER RUNNING

A new Oceanography Club was formed on campus this year. The club hosted three events in the spring semester: a film screening and lecture; a presentation on ballast water treatment by Meredith McPherson and Richard Muller of Cal Maritime's Golden Bear ballast water testing facility; and a visit to the Monterey Bay Aquarium. The club also took part in the Vallejo Watershed cleanup event.

TWO STUDENTS ATTEND NATIONAL ENGINEERING CONFERENCE

Thomas Fousha and Scott Gibes attended the 2015 National Convention and 100th anniversary celebration of Pi Tau Sigma at the University of Illinois.

While there, they participated in team-based projects, toured research laboratories and met prospective employers. Pi Tau Sigma was created in 1915 at the University of Illinois with the purpose of fostering the high ideals of the engineering profession, stimulating interest in activities and promoting the welfare of its members. The organization now has chapters in over 170 universities and continues to promote excellence worldwide in the field of mechanical engineering.

Travel to the event was supported by the Maritime Fund.

STUDENTS PARTICIPATE IN CAMPUS FILM COMPETITION

In conjunction with a maritime film festival sponsored by the Department of Culture and Communication, Cal Maritime students were able to create and submit their own films as part of the first-ever Student Film Competition.

Winning films were screened before the movies in the film festival. The subject areas covered topics from all corners of maritime and the sea: surfing, commercial cruise, diving and working in the machine shop.

The competition was made possible in part by the support of the Maritime Fund.

1st place: Emily Walker's *Chance of Rain*

2nd place: Erik Hanson's
My Summer in 90 Seconds

3rd place: Tanner Franklin's *Kauai Dives*

4th place: Patrick Dackins'
Cal Maritime Machine Shop

Four Students Receive Funding for Undergraduate Research

COAST, the Council on Ocean Affairs, Science and Technology, awarded funding to four Cal Maritime students based on their undergraduate student research proposals. Each of the four students received funding from both the California State University and President Tom Cropper.

COAST Undergraduate Research Award winner Austin Gearty (MT '18) is working with faculty advisor Alex Parker on research to understand the roles that nitrogen and phosphorus play in controlling estuarine algal primary production. Austin is using a bioassay approach to see if experimental additions of various forms of nitrogen or phosphorus will yield differences in the amount of photosynthesis that occurs or phytoplankton species that grow in water collected at the Cal Maritime harbor. Austin is using an optical dissolved oxygen probe to make determinations of oxygen concentration in his incubation bottles and uses oxygen production as an indicator of photosynthetic rate. Each day approximately 800 million gallons of treated sewage is discharged to the San Francisco Estuary, delivering both nitrogen and phosphorus to our waters.

COAST Undergraduate Research Award winner Hannah Foster (MT '17) is working with Meredith McPherson, Richard Muller and Bill Davidson of the Golden Bear Facility (GBF) and faculty advisor Alex Parker on her research project to understand the roles of nutrients (nitrogen and phosphorus) and solar energy in controlling the growth of phytoplankton (photosynthetic algae) in the San Francisco Bay. Using 7,500 liter plastic tubs on the fantail of the T.S. *Golden Bear*, Hannah is making experimental additions of nutrients and



AUSTIN GEARTY PREPARES WATER FROM THE CAL MARITIME HARBOR FOR TESTING.



WILL LINDSEY IS WORKING WITH DR. RYAN DUDLEY ON HIS SENIOR PROJECT EXAMINING MARITIME DRUG SMUGGLING.

then determining the growth rate of phytoplankton over several days. During her experiments, Hannah measures nutrient concentrations and solar energy, and uses an instrument called a flow cytometer that employs lasers to count phytoplankton. Hannah's work will help the team at the GBF optimize their protocols for creating "challenge water" used for the testing of ballast water treatment technologies.

COAST Undergraduate Research Award winner Will Lindsey (GSMA '15) is working with Dr. Ryan Dudley on his senior capstone project. Will's COAST project is based on his Global Studies and Maritime Affairs senior thesis titled Maritime Drug Smuggling and the Benefits of Predictive Analysis. This quantitative research project is based on the use of ocean data such as wave height taken from NOAA

CONTINUED ON NEXT PAGE



THE CAL MARITIME WIND TEAM POSES WITH THE WIND TUNNEL THEY CONSTRUCTED. PHOTO BY TOM NORDENHOLZ.

Cal Maritime Finishes Second in Collegiate Wind Competition

A Cal Maritime team consisting of four Class of 2015 mechanical engineering students finished in second place at the Department of Energy's 2015 Collegiate Wind Competition, held at the National Renewable Energy Laboratory's (NREL) center near Boulder, Colorado.

The students were Sam Gray, Kyle Vanderspek, Chance Hirschi, and Hoang Anh-Tran. While Chance and Hoang were intensely involved with and major contributors to the design and fabrication of the turbine all year long, they were not able to attend the Competition itself because they are on the Cruise this summer.

The event was an engineering challenge to design, build, and test a small wind turbine subject to certain specifications. Teams were scored on design and series of tests for performance and durability inside a wind tunnel.

NREL is a national lab of the U.S. Department of Energy. Alliance for Sustainable Energy, LLC is the managing and operating contractor for NREL.

Cal Maritime will be participating in the 2016 Collegiate Wind Competition in New Orleans in May 2016. An interdisciplinary team of students is ready to go. Next year's competition will involve business and policy aspects as well.



FOUR STUDENTS RECEIVE FUNDING... CONTINUED FROM PREVIOUS PAGE

buoys along the California coast and atmospheric data such as coastal wind speed to better predict the probability of panga drug boat landings. The goal of the overall project is to inform federal, state, and local law enforcement of the highest probability days, times, and locations to increase the overall efficiency of enforcement resource allocation.

COAST Undergraduate Research Award winner Rose Hendrix (ME '16) is working with Professor Michael Holden on developing a small autonomous oceanographic sampling vessel. With a commercially available guidance system and a separate payload computer, the boat will navigate the Carquinez Strait from Cal Maritime and measure surface water temperature and salinity. Rose recruited Alex Safreno and Jacob Steiner to the design team. The team hopes to create a database of results from regularly repeated measurements.

RESEARCHING THE IMPACT OF PLASTIC IN THE MARINE ENVIRONMENT

Cal Maritime student Michael Napoleone is conducting research on the impacts of microplastics (tiny bits of plastic material) on the marine environment. Working with a scientist at the Romberg Tiburon Center at San Francisco State University, Napoleone is investigating how natural marine bacteria may inhabit the surfaces of these plastics and concentrate metals.

PANETTA CONGRESSIONAL INTERNSHIP "LIKE STANDING IN ON HISTORY"

Christine Edmiston, a Global Studies and Maritime Affairs major, believes everyone should have a better grasp on how government works. And thanks to the Panetta Institute for Public Policy Congressional Internship Program, she got just that.

"I went in with zero experience. I sure did learn a lot," she says. Edmiston has shifted towards policy as a field as a result of the experience. "This was a great opportunity to merge maritime and policy. It gave me a good overview of how government and congress work."

Each year, the Panetta Institute brings together student body presidents and other elected student leaders from each of the campuses in the California State University. The students hone leadership skills and develop strategies for addressing campus, community and national problems.

Internship participants are nominated by the presidents of their respective campuses and approved for participation by the Panetta Institute and the CSU Chancellor's Office.

"It was a once in a lifetime opportunity," said Edmiston. "Standing on the floors of congress while they're working on legislation is like standing in on history. I'd encourage students from all majors to seek out the opportunity."



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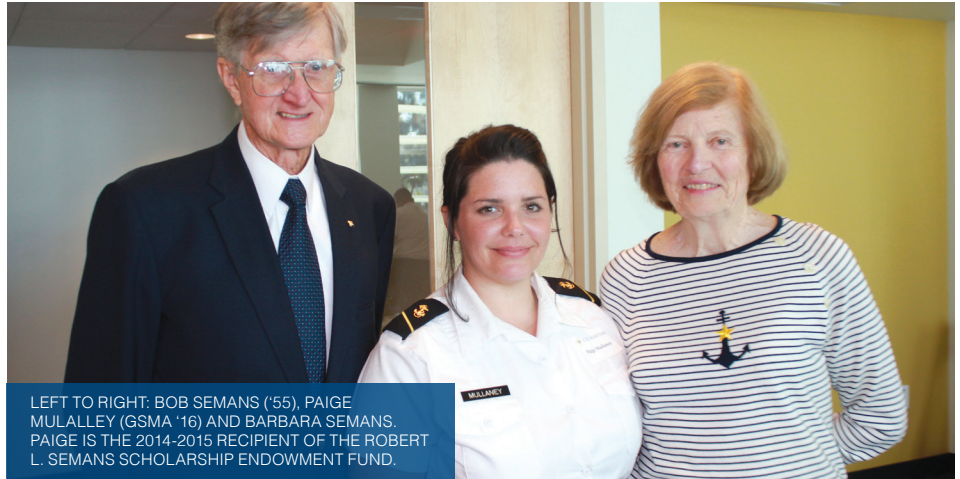
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Stewardship: Donors Meet Scholarship Recipients

Donors to the California Maritime Academy Foundation endowments and those who have remembered Cal Maritime in their estate plans were invited to campus for a recent luncheon along with Cal Maritime's Academic Sponsors.

Endowment donors have made gifts of \$25,000 or more that fund scholarships or programs in perpetuity. Those who have included Cal Maritime in their estate plans at levels of \$25,000 or more are members of the Golden Bear Society. Academic

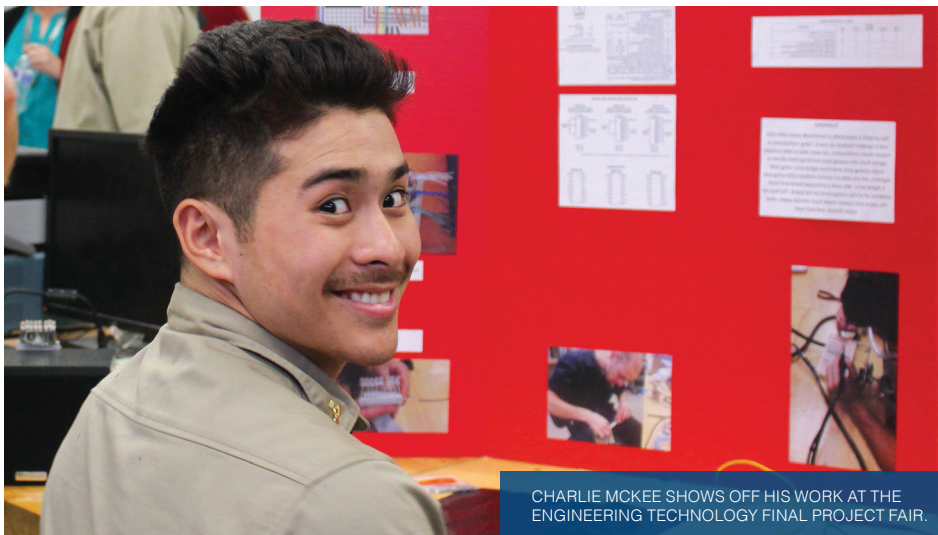


LEFT TO RIGHT: BOB SEMANS ('55), PAIGE MULALLEY (GSMA '16) AND BARBARA SEMANS. PAIGE IS THE 2014-2015 RECIPIENT OF THE ROBERT L. SEMANS SCHOLARSHIP ENDOWMENT FUND.

Sponsors are individuals, corporations and other organizations who contribute to a full year of support of Cal Maritime programs and scholarships.

Scholarship and endowment donors were able to meet scholarship recipients. Reports were given on the state of the

Foundation and the endowment investment strategy. New members of the Golden Bear Society received their pins from President Tom Cropper and Vice President for University Advancement Beverly Byl. For more information about joining the Golden Bear Society, see inside back cover.



CHARLIE MCKEE SHOWS OFF HIS WORK AT THE ENGINEERING TECHNOLOGY FINAL PROJECT FAIR.

NORTHROP GRUMMAN FUNDS LAB EQUIPMENT, SUPPORTS STUDENT PROJECTS

Engineering Technology students who presented their final projects at last year's project fair got an assist from Northrup Grumman. The company's Electronic Systems Aid to Higher Education program funds education-related initiatives that promote the advancement of science, technology, engineering and math (STEM) at targeted colleges and universities, including Cal Maritime.

Cal Maritime received funding to purchase lab equipment for students, enhancing the learning experience. Northrup Grumman funded the request with a donation of \$6,000 that allowed for the purchase of digital balances, Arduino microcontrollers and other lab equipment. The students who presented at the spring fair used equipment funded by the donation.

GOLF TOURNAMENT BENEFITING STUDENTS AT MARITIME ACADEMIES KEEPS GROWING

The Tug Valour Memorial Fund Scholarship is a fitting tribute to the sailors lost at sea when the tug-boat Valour sank off the coast of North Carolina in 2006. The scholarship benefits students at maritime academies across the country who plan to pursue careers in tug and barge work.

The scholarship is funded by an annual golf tournament in Dade City, Florida. This year's tournament brought out 288 registered golfers.

"The tournament has grown every year," said John McKenzie of OSG Ship Management, Inc. "This was the largest ever, and this year we added a celebrity component."

Professional athletes and local news and weather anchors were among those who turned out.



CAL MARITIME

11TH ANNUAL

GALA

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Saturday, November 7, 2015

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Charting the Course for Academics



DR. SUSAN OPP

Earlier this year, **Dr. Susan Opp** was appointed Cal Maritime's new provost and vice president for academic affairs.

Dr. Opp came to Cal Maritime from California

State University East Bay, where she served as the associate vice president of academic programs and graduate studies. In her new role she will help construct a new academic master plan and strengthen Cal Maritime's place as the center of excellence for maritime studies.

At Cal State East Bay, Opp was a professor of Biological Sciences, graduate coordinator for Biological and Marine Sciences M.S. programs and founder and director of the Environmental Science B.S. program. Prior to assuming the position of associate vice president, she chaired both the Academic Senate and the Senate Committee on Budget and Resource Allocation. She received the Outstanding Professor Award at Cal State East Bay, along with many other honors and recognitions such as the Woman of the Year in Science Award from the Alameda County Women's Hall of Fame, and the John H. Comstock Award for Outstanding Graduate Research from the Entomological Society of America.

As provost at Cal Maritime, Dr. Opp will be the senior academic administrator for a program ranked the number one best

public college in the western region and third among all western regional colleges by *U.S. News and World Report*. The school has also received recent accolades from *Forbes*, *Money*, and *Washington Monthly*.

She is a Bay Area native and an alumna of San Francisco State University, where she received a B.A. in Biological Sciences. She earned an M.S. in Entomology from U.C. Riverside and a Ph.D. in Entomology from the University of Massachusetts, Amherst.

Q: What interested you in the opportunity to become provost at Cal Maritime?

Opp: It's an institution that is poised to grow and that has a very good sense of who it is. It has a very distinctive identity. I was also really attracted to the small size, which makes the university feel like a family. I enjoy teamwork and collaboration, and those are clearly some of the strengths that I saw in Cal Maritime.

Q: What experiences do you believe set you on the path that has brought you here?

Opp: I have a history with STEM-related programs. That's very important at a place like this. In my 25 years in academic leadership, I have established a background in developing new undergraduate and graduate programs, especially interdisciplinary programs. I'm really interested in helping the University to grow, and working with the faculty leadership to make sure that our faculty have all they need to be successful. My other strengths include strategic planning and implementation of complex student programs. I think these

will be important skills in this role. I am a product of the CSU, and I'm a firm believer in the value of a CSU education.

Q: What are some interesting things that you want alumni, friends and partners of Cal Maritime to know about your background?

Opp: After I applied for the position, I learned that I had a family member who was in the very first graduating class at Cal Maritime. His name was Perry Duncan. (See article on page 29) I had always known him as Uncle Perry, but he was a distant relative. Also, my guess is that I'm the first entomologist who has ever worked on this campus. And yes, there are relationships between the study of insects and maritime education. Some of my work has been in the study of invasive species, and shipping is one of the most-cited instances for the introduction of invasive species. Beyond the issues with invasive species in ballast water, insects make their way to new environments aboard ships and inside of containers.

Q: What do you see as the role of the provost at this point in Cal Maritime's history?

Opp: We don't want to lose our distinctiveness and our focus. The challenges are to grow carefully and still maintain the important and essential features of maritime education. We want to engage the whole campus community in thinking about when and where and how we grow. I have an open door policy. I welcome alumni to visit and help me with the challenge of learning about Cal Maritime and its history.



BEVERLY BYL

VP for University Advancement Beverly Byl Retires

Beverly Byl, Cal Maritime's Vice President for University Advancement and Executive Director of the California Maritime Academy Foundation retired on June 30.

Brought in to establish a solid foundation for a university advancement program, Byl joined the leadership team in March 2012.

Through fundraising efforts and prudent financial management, the Cal Maritime endowment grew to an all-time high of \$6.9 million, a 126 percent increase in three years.

Under her watch, Cal Maritime's connections to the shipping industry were reinvigorated, and the Cal Maritime Ambassador program was established, providing cadets with opportunities to develop their leadership skills through interaction with industry, alumni, donors and elected officials. Byl also represented Cal Maritime in community and civic organizations.



ROBERT ARP

Robert Arp Named Leader of Advancement Efforts at Cal Maritime

Cal Maritime's new Vice President for University Advancement Robert Arp arrived

on campus this summer. Arp has more than 25 years in higher education and healthcare development. He most recently served as the Vice President for Development at MedStar Harbor Hospital in Baltimore, where he established the first system-wide, comprehensive fundraising plan. Bob also worked for more than 12 years in legal education as the chief advancement officer for the Penn State Dickinson School of Law and Whittier Law School.

Arp is a captain in the United States Navy Reserve. Since September 11, 2001, he has been mobilized three times to support Operation Noble Eagle and Operation Enduring Freedom. He was also recalled to three years of active duty to serve on the Navy staff in the Pentagon to lead and transform the Navy's human intelligence and counterintelligence program.

A California native and graduate of UCLA, Arp also earned his Juris Doctor (J.D.) from Whittier Law School in 1994. He is currently a member of the California Bar and is admitted to the United States Supreme Court Bar.



FRANZ LOZANO

Lozano Joins Cal Maritime as VP for Administration and Finance

Franz Lozano has joined Cal Maritime's leadership team as the new vice president for Administration and Finance.

Lozano is responsible for the University's financial, physical and human resources which includes budget planning and administration, accounting, procurement, risk management, facilities, information technology and police services.

Lozano has served as interim vice president since November 2014. He came to Cal Maritime from San Francisco State University, where he served as Associate Vice President for Budget Administration and Operation.

"Franz has proven to be a valuable member of our team, quickly taking a leadership role on important projects ranging from budget planning to campus emergency preparedness," said President Tom Cropper.

FACULTY & STAFF MILESTONES



ARMS

Charlie Arms retired after 16 years as director of sailing at Cal Maritime. On the occasion of her retirement, she was presented a certificate of recognition from the U.S. House of Representatives for her contribution to the Academy's highly-decorated sailing team. She is moving to Maryland where she will serve as the waterfront director for the Annapolis Yacht Club.



PAINE-CLEMES

Bunny Paine-Clemes of the Department of Culture and Communication presented a workshop based on her recent book *Creative Synergy* at the annual convention of the Association of Research and Enlightenment.

CONTINUED ON NEXT PAGE

PROFESSIONAL ACHIEVEMENTS

Nelson Coates, assistant professor in Science and Math at Cal Maritime, is an author on a recently published peer-reviewed article in the scientific journal *Advanced Materials* which has a high scientific impact factor. The article is titled "Engineering Synergy: Energy and Mass Transport in Hybrid Nanomaterials." The article highlights an emerging class of materials which he studies called "organic-inorganic composites." Organic-inorganic composite materials can be made using inexpensive fabrication routes which open up non-traditional markets for electronic and semiconductor devices. More importantly, these organic-inorganic composites present an elegant approach for combining materials with diverse properties and controlling the self-assembly of nanoscale features, which in turn enables tremendous control over material performance.

"The ability to fine-tune solution-processed material properties offers a rich playground for exploring fundamental questions about the physics of optoelectronic, electronic, and thermal transport, and advances in understanding these properties will enable next-generation devices for a number of exciting applications such as low-cost and flexible photovoltaics, thermoelectrics, light-emitting diodes, and radiation detectors," Coates said.



DAVIDSON

Bill Davidson, chief engineer of the Training Ship *Golden Bear* and director of the Golden Bear Facility presented at the Ballast Water Management Summit in Long Beach.



DHILLON

Vineeta Dhillon was appointed director of Cal Maritime's Student Engagement and Academic Success Center.



KOCIOLEK

Elaine Kociolek was promoted to Associate Director of the new Center and placed in charge of the group's Educational Opportunity Program.

Robert Manheimer, a lecturer in the Culture and Communication Department, was elected to the executive council of the California State University Foreign Language Council.



MESSER

Captain Tuuli Messer was featured in the panel discussion Women in Maritime Trades at the San Francisco Maritime Museum.

Dr. Alex Parker, assistant professor of Oceanography, spent five weeks this winter in the McMurdo Dry Valleys of Antarctica studying microbial mats. These mat communities carry out photosynthesis as well as nitrogen fixation and are the base of the very simple food web in one of the coldest, driest environments on Earth. He worked with researchers at University of Southern California, San Francisco State University, University of Delaware and the University of Waikato, New Zealand.

"Polar regions are very important in global climate and climate change," said Parker. "Anyone can and should visit Antarctica."

He is the co-author on an article presenting some of the Antarctic research in which he has participated. It was published in *Frontiers in Microbiology*.

Parker was also a co-author on five additional scientific articles published in 2014 - 2015. These research articles addressed topics on the ecology of the San Francisco Estuary, tidal wetlands, and phytoplankton dynamics in a small California coastal embayment with oyster mariculture.



RODGERS

John Rodgers, maritime vocational instructor in the Engineering Technology Department was elected president of the San Francisco Society of Port Engineers.

Dr. Frank Yip's article "Hybrid Gaussian-discrete-variable representation for one- and two-active-electron continuum calculations in molecules" was published in the physics journal *Physical Review A*, and was highlighted on the journal's website.



DR. ALEX PARKER AT HUT POINT, SITE OF ROBERT FALCON SCOTT'S BRITISH NATIONAL ANTARCTIC EXPEDITION BASE 1901-1904, ROSS ISLAND, ANTARCTICA.



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BEN YUSE AND DAN OLSON WON CAL MARITIME'S FIRST EVER CREW CHAMPIONSHIP IN THE MEN'S VARSITY PAIR EVENT. PHOTO BY MIKE TRESSEL.

Crew Wins Western Intercollegiate Rowing Varsity Pair Championship

The Crew team finished off a strong spring season with an excellent showing at the Western Intercollegiate Rowing Association championship in Sacramento. In the heavyweight novice men's, the Keelhaulers won their heat before finishing fourth in the finals. In the lightweight novice, Cal Maritime took home the bronze.

Ben Yuse and Dan Olson won the championship in the men's varsity pair event, with a time of 7:22.7 beating the University of Oregon, Portland State, UCLA, UC Santa Barbara, and Santa Clara University.



WOMEN'S BASKETBALL FINISHES WITH BEST RECORD IN SCHOOL HISTORY

Cal Maritime's women's basketball team made history this season, finishing second in the Cal Pac Conference with the best record in school history.

Senior Karissa Booker and Junior Jole Camalo were named all-conference first team. Senior Toni Anaya was named to the second team, and Head Coach Mike Warrington was named conference coach of the year.



KARISSA BOOKER AND JOLE CAMALO WERE NAMED CAL PAC ALL-CONFERENCE FIRST TEAM. PHOTOS BY PAT DICKINSON.

SAILING TEAM WINS FIFTH CONSECUTIVE HARBOR CUP

Despite the fact that six different teams earned at least one bullet, Cal Maritime Sailing won the Port of Los Angeles Harbor Cup for the fifth year in a row.

The event, in its eighth year, is organized and hosted by the Los Angeles Yacht Club and raced aboard an equalized fleet of Catalina 37s. It brings together 10 collegiate sailing teams from across the nation, and races are held in the Pacific Ocean outside the harbor breakwater.

CAL MARITIME RUGBY FINISHES FOURTH IN NATIONAL TOURNAMENT

Cal Maritime Rugby won the PacWest Region Championship in April, beating Claremont Colleges 33 - 22. The win secured their position in the Small College Final Four held in Glendale, Colorado, where Cal Maritime was defeated by New England College, who went on to win the National Championship.

MEN'S BASKETBALL JOURNEYS TO NATIONAL TOURNAMENT FOR FOURTH STRAIGHT SEASON

Men's basketball won the California Pacific Conference regular season and tournament title, returning to the NAIA Division II national tournament in Missouri for the fourth straight season.

The Keelhaulers finished the season 19-10, losing to Mt. Mercy of Iowa, 64-61, in the first round.

"I'm extremely proud of the way the guys fought back [in the tournament]," Cal Maritime head coach Bryan Rooney said. "There was no quit in them. It just didn't work out, but I couldn't be prouder."

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FROM THE ALUMNI PRESIDENT



PASCHA MCALISTER, '07-ME
CSU MARITIME ACADEMY
ALUMNI ASSOCIATION PRESIDENT

FOR ALMOST EVERY YEAR since I was introduced to Cal Maritime, I've had the opportunity to go to ceremonies, luncheons, and all kinds of celebrations. I am always impressed by the new people I meet, shocked at how much the campus both has and has not changed, and hopeful that other alumni will come back and visit the campus, talk to some old faces and meet at least one new one.

President Cropper's vision is defined by "Honor, Believe, Lead." Whether by honoring the traditions of the industry, believing the day would come that we could call ourselves alumni, or helping to lead one another through the Cal Maritime experience – that vision is the capstone of our experience. But Cal Maritime is not a capstone of our lives, it is merely the first port of our lives, a means by which we can enter the world with an understanding of ourselves, our peers, and what we are capable of. No matter what you think or feel about one, every port creates a memory and provides something new to offer, and Cal Maritime is a port that we all share memories from.

The goals and direction of the Alumni Association have not changed: to serve and involve the students and alumni in the promotion of the Academy's image, tradition, pride and status as a leader among the maritime academies and as a world class university. I invite you to join us – nominate alumni for an award, visit the campus, mentor incoming cadets at a summer sendoff, and share with us how you are, where you are, and who you're with.

I have had the honor of serving and learning from the Association for several years. and hope to continue the tradition of giving back. Hope to see you soon!

PRESIDENT@ALUMNI.CSUM.EDU

Please contact
me if you have
questions or ideas
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You're Invited!

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OCTOBER 10TH

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OCTOBER 11TH

Spend a Day on the Bay aboard the Training Ship *Golden Bear* to celebrate Fleet Week.



CAL MARITIME

For more information and to register, please visit www.csum.edu/festival

CLASS OF 1943

By Edward Johannessen

Ralph Moore (D) and Lorraine just celebrated their 70th wedding anniversary with family and friends at the Sonoma Mission Inn Resort, the site of their honeymoon back in March of 1945. Lorraine accompanied Ralph when he was one of just three to make it to the 70th Class reunion at the 2013 Homecoming.

CLASS OF 1959

The **Balboa Yacht Club** honored **George “Ernie” Minnie** at a program in April recognizing his more than 50 years of service to the Southern California boating community, shaping the heritage of the community and people who love the sea. A signed proclamation from President Cropper was presented to Ernie on this occasion.

CLASS OF 1961

By Byron Bader



PAUL SUNNERGREN, BYRON BADER AND PHIL HENRY.

On the Cal Maritime campus, **Phil Sunnergren** ran a five-day Marine Corps JROTC training program for high school students from all over the U.S.

CLASS OF 1963

Terry W.T. Ruff (E) and his wife, Patti, moved to San Diego in July 2014. Terry reports that they found a great townhouse in Carlsbad. “We moved to San Diego as newlyweds in June of 1967 and lived on Mission Beach for three years,” said Terry. “Our first son, Brendan, was born there. Both sons ended up in San Diego, so we moved here to be near them, and our four grandchildren. We love it here, and feel like we are coming home.”

CLASS OF 1965

Robert Carl Rosenbaum (E) participated in Cal Maritime’s 15th Career Fair as a volunteer and attended the Napa 4th Thursday event organized by **Captain Lindy Keever** (D-79) in the fall. Rosenbaum reports that he has worked with Westinghouse (Toshiba) for the past few years, working on the final design of a reactor project for the Sanmen and Haiyang nuclear power plant projects in China. He plans to continue contracting while working towards becoming a writer. “It was my father, an unlicensed oiler and fireman merchant seaman during World War II, who guided me toward attending the Academy,” he said. “I have come to realize through the years that Cal Maritime and the rigors of the sea contribute greatly to character, which is the true foundation of all worthwhile things.”

CLASS OF 1969

By Ken Passé



The Class of 1969 held its 45th Reunion in conjunction with Homecoming Weekend 2014. Following the welcome reception, the classmates moved on to dinner and an evening of good spirit, the renewal of long-time friendships and the telling (and re-telling!) of many sea stories. The class, which created an endowed scholarship fund for their 40th Reunion, was joined at dinner by **Adam Tuten** and **Alex Schampf**, two of the five cadets who have received the class scholarships. A good time was had by all. Many thanks to Reunion Committee members **Joe Conway**, **Bob Reynolds** and **Craig Roberts** for organizing the event.

CLASS OF 1970

Len Bates (E) retired in 2014. He had been working as a Stationary Engineer since 1971 and completed a high rise project in downtown San Jose. “The first thing Becky and I did after retirement was to go to Disneyland for a week,” he reports. “We had a grand time. One of my sons and his family were able to join us.” Becky and Len have lived in the same house in San Jose for the last 38 years. They have three sons and this December are expecting their 10th grandchild. With retirement, they plan on traveling and remodeling the house.



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CLASS OF 1975



Capt. Richard Shaw (D) visited campus for the first time in 15 years. He lives in Washington and founded Bowditch Marine, Inc., Marine Surveyors & Safety Consultants in 2008. He met with Kathy Baird, director of annual giving and alumni relations, as well as **Eric Cooper** (05-MT), associate director of career services to learn more about how to publicize job openings and professional opportunities to Cal Maritime Alumni.

If you would like to explore new opportunities, or if you would like to publicize a job opening, visit alumni.csum.edu/career.

CLASS OF 1978

Bill Andrew (E) was recently selected as vice president, operations for Chevron Shipping Company LLC. Bill joined Chevron in 1988 as an engineering superintendent, and since then has held a series of positions of increasing responsibility. Bill's new responsibilities include the fleet of 30 ships, Chevron's worldwide offshore and marine terminals operations, health, environment and safety department, and the marine assurance department. Bill resides in Danville with his wife of 36 years, Sally. Their three adult children Bill, Tom and Elizabeth are in college or working.

CLASS OF 1970

Dennis Groat (70-E) and **Lee Grant** (70-D) are enjoying retirement in Southern California, surfing at Palos Verdes Cove. Lee reports that he also rides horses, builds carriages, skis and generally enjoys life. He retired February 2011 from Connolly-Pacific Corporation in Long Beach as captain of the Tug Patcona II. He and wife Tracy are travelling and enjoying retirement.

1970'S

By Patrick Duffy



Patrick Duffy (74-D), retired master; **Daniel Benvenuti** (73-Deck), retired entrepreneur; **Stephen MacLachlan** (73-D), San Francisco Bay pilot; and **Chriss Carson** (75-D), retired master.

On the Monterey Peninsula in March, an informal afternoon round of golf and dinner included three different Cal Maritime graduation years. The photo of the foursome was taken before the golf round started, so that is why everyone is smiling...plus they were all happy to see each other.

CLASS OF 1981

Kit Carlan (E) reports that he has been living on Oahu for the last 11 years working for the Department of Defense at U.S. Pacific Command. He retired from five years active duty as a reservist and became a government employee doing the same job. In his spare time, he is a realtor and he enjoys kayaking, stand-up paddle boarding, hiking and sightseeing with visitors. He is the 4th Thursday coordinator for Oahu and if you are on Oahu for 4th Thursday, give him a shout (details at alumni.csum.edu/4thThursdays).

CLASS OF 1985

Dennis Deisinger is working at BAE Systems San Francisco Ship Repair as the director of commercial business development. He still lives in Marin and sails on the bay as much as possible. He reports he is still hanging out with **Brian McInerney '84**, **Hugh Vanderspek '84**, **Max Kelley '84**, **Gordon Clute '86** and **Sean Daunt '83**.

CLASS OF 1986

Marc Winocur (E) recently relocated to Seattle from Minnesota. He just left Target, and now works for Amazon as Sr. Manager, Transportation, North America. "It's been way too long in the frozen tundra," he said. "We are so happy to be back. I'm aware of 4th Thursdays and can't wait to reconnect with alumni."

CLASS OF 1991

Mark Buser (E) reports that he completed the Coeur D' Alene Ironman (swim 2.4 miles, bike 112, run 26.2) in June of 2014. After working eight years as an engineering officer aboard U.S. vessels, he settled down to start a family in 2001. He graduated from the University of Portland with an executive certificate



in financial planning and now works at Johnstone Financial Advisors in Portland.

CLASS OF 1994



Marlon Barrera (D) visited campus for the first time in 20 years. He lives in Panama and has been working at the Panama Canal as a pilot for the last 16 years. He is pictured with his wife Liz Marie, daughters Gabriela and Denise, and **Captain Harry Bolton**. He recalls being in his dorm room during the 1989 Loma Prieta earthquake (he had never experienced an earthquake prior to that one). He marveled at the new Carquinez Bridge, the expanded campus, and the new technology in the Training Ship *Golden Bear*.

CLASS OF 1999

Chris Walker (D/BA) and his family recently welcomed their second son, Jaxton Walker Peters, weighing in at 6lbs, 14oz. Chris was also recently promoted to deputy director, strategy, planning & management at the Bill & Melinda Gates Foundation. He joined the foundation in early 2013 and is now working with their Agricultural Development program to reduce hunger and poverty for millions of farming families in Sub-Saharan Africa and South Asia by increasing agricultural productivity in a sustainable way.

CLASS OF 2002

Erin Pierson has joined Foss Maritime in Seattle, Washington as manager, terminal safety and security for a major project which Foss has secured with Shell Oil. She has served as the Greater Los Angeles chapter president and Alumni Association board member since 2009, and highly recommends participation with local alumni groups. "I am most certainly planning on assisting the Puget Sound Chapter in any way I can," she said.

CLASS OF 2005



Lt. Michael Maas (MT) is currently the Commanding Officer of the United States Coast Guard Cutter SANIBEL (WPB 1312), stationed in Woods Hole, Massachusetts. He is transferring this summer to the staff of the U.S. Third Fleet Commander and his family is looking forward to the sunny weather in San Diego. Mike was recently accepted into USC's Price School of Government and will be working on his Masters of Public Administration for the next few years. "It will be a nice to spend more time with family and catch up with friends," he said.

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CLASS OF 2006

Chris Hammond and wife, Christina welcomed their second child Zoë on October 22, 2014. Zoë was born on the 5:20 a.m. Bainbridge Island ferry to Seattle when her mother's labor progressed more rapidly than expected. Three nurses, two doctors and several EMTs who happened to be aboard that morning answered the captain's call for assistance to deliver Zoë. Chris, Christina, Zoë and big sister Ava returned in November to meet Captain **Russell Fee** (80-D) and crew members from the ferry.

CLASS OF 2008

Fletcher Canby (ME) has been working for Transocean for the past six-and-a-half years and is currently sailing as First Assistant Engineer onboard the Deepwater Invictus in the Gulf of Mexico. He reports he is still living in his hometown on Catalina Island with his wife, Caitlyn, of six years and two-and-a-half year-old girl, Penny.

CLASS OF 2010



ANTHONY BURRIS WITH BABY JAXON KOKE'E.

Anthony Burris (MT) and wife Tatiana welcomed a baby boy Jaxon Koke'e Burris, born March 1, 2014 (8 lbs. 5 oz.).

CLASS OF 2013



KELLEN PARRISH TEACHES KIDS ABOUT PH AND CHEMICAL REACTIONS WITH THE USE OF PURPLE CABBAGE JUICE AS AN INDICATOR.

Kellen Parrish is serving in Guatemala with the Peace Corps. Educational projects in that region focus on teaching about the impact of people on their environment. "I believe that a strong education [in science and environmental topics] and scientifically literate students will greatly improve the speed with which countries develop in a sustainable way," he says. He credits his experience in Cal Maritime's Marine Science curriculum with his ability and inspiration for his current work.



Jon Furukawa (86-D), Cal Maritime President **Tom Cropper**, **Chris Conlan** (08), and **Brian Ellis** (89E) at an impromptu gathering of Washington D.C. alumni.

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Tell your fellow Cal Maritime Alumni what you're up to by sending submissions to alumni@csun.edu or to the class scribe listed for your class on the alumni website, alumni.csum.edu

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No Risk in a Curious Career Path

By Joseph Keefe

The full version of this article appeared in the 1Q 2015 edition of Maritime Professional magazine. Reprinted with permission.

Identifying, understanding and mitigating risk are all at the heart of PJ Jacquelin's unique career. Where he came from first has made all the difference.

PJ Jacquelin joined Barney and Barney – a Marsh & McLennan Agency LLC Company since February 2014 – in 2012 and today leads their Global Marine Practice Group. With more than 25 years experience in the maritime industry, he is perhaps uniquely qualified for that position, with a career trajectory that few can duplicate. You might say that salt water runs through his veins, having grown up in Hawaii, competitively sailing and then attending Cal Maritime. After that, armed with a Bachelor of Science degree in Marine Transportation and an Unlimited 3rd Mate's license, he spent almost two years at sea as a deck officer aboard a variety of tankers, containerships, RoRos, tugs and crew boats.

Jacquelin's career took a curious turn in 2004 when he accepted a commission in the U.S. Coast Guard and eventually served as a Marine Inspector, Command Duty Officer and Public Affairs Officer. There, he inspected 500 commercial vessels, ensuring compliance with regulations and treaties. Convinced he could do more to help companies in the private sector, he left the Coast Guard to become



PJ JACQUELIN

a regulatory consultant, during which time he worked with spill response contractors, terminals, port authorities, boat builders and vessel operators to help reduce costs through improving operational efficiencies and reducing losses.

Since then, he has headed up the U.S. West Coast Ocean Marine Risk Control Department for another insurance company before landing his current role at Barney and Barney. But there is more to risk than just regulations. Perhaps this is why Jacquelin's deep and varied background serves him so well today.

A DAY IN THE LIFE

A typical day in the office can consist of overseeing claims, preparing presentations, meeting with service teams and communicating with his carrier partners on any number of issues. A day in the field can vary greatly but it's always about seeing operations first-hand in order to get the full picture. Jacquelin, who is on call 24/7 and regularly spends as much as 70 percent of his time in the field, explains, "Given the complexity of our industry and the fact that every client has differ-

ent needs you have to see it for yourself. I can't properly serve my clients from behind an office door."

According to Jacquelin, time in the field is well spent. "By getting to know our clients' operations, we are able to offer effective and common sense suggestions and recommendations that help to minimize accidents, reduce claims and ultimately save money. Beyond this, by reducing the frequency and severity of accidents, clients benefit from reduced premiums on a long term basis. In turn, carrier partners can be more comfortable underwriting clients at lower rates when they know a proactive effort is being made to improve performance. And, says Jacquelin, the effort produces improved regulatory compliance without even trying. He adds, "This makes life easier for everyone both financially and operationally."

Jacquelin ultimately becomes 'a part of the client's risk management team.' For example, says Jacquelin, "One of my client's vessels was badly damaged during a recent New Year's Eve storm and even though I was taking some time off, by being in touch we were able to get

the claims process started right away. It also enabled me to be the first person to assess the damage in order to help the carrier's claims team and USCG inspectors get their work done."

A CURIOUS PATH

Jacqueline has literally done it all. This includes time spent in the Coast Guard as a marine inspector, at sea commercially and with MSC PAC, as a marine surveyor, a college professor and now, heavily invested in the insurance side of the game. One aspect of that progression — the decision to join the Coast Guard after having already sailed commercially — is an interesting one. Jacquelin's decision to join the Coast Guard, influenced in part by the events of 9/11, was also a function of having dealt with the Coast Guard on the mariner side.

Also having come to a realization that a long term seagoing career wasn't the best path for him, he explains, "I noticed that there weren't that many marine inspectors who truly understood the industry so I liked the idea of being able to bring some real world insight and knowledge to the main regulator of our industry." Having a grandfather who had spent time as a

Coast Guard officer during WWII also swayed his decision. "I decided that I wanted to carry on the family tradition of service in the Coast Guard while trying to give back to our industry," says Jacquelin. Ultimately, however, that decision would also yield dividends for a young mariner who would end up preventing what the Coast Guard regulates on a daily basis: risk.

While there were many key 'take aways' that Jacquelin got from years in the Coast Guard, he came to understand that professional mariners and commercial operations managers need to continually self-police, to re-invest and do the right thing, which sometimes costs money.

While Jacquelin values his Coast Guard experience, he also feels that his work today is influenced by the sum total of his resume. "Having sailed, regulated and insured, you have a very unique understanding of your client's day-to-day operations and you can better cater to their needs by providing insight, resources and guidance to prevent incidents and costly claims."

ON THE WATERFRONT

Properly managing risk involves having an accurate understanding of what clients deal with on a daily basis and knowing what they are talking about. Jacquelin adds, "One of the most common comments I hear from CEOs, CFOs and controllers is that their broker doesn't understand what their company does. The first thing we do is spend time at the operation to really get to know it. If it's a shipyard we spend at least a day walking the facility, watching the work and just observing. If it's a vessel operator we go through each vessel, get underway and again observe. I take hundreds of pictures." From all of that, a narrative is submitted to underwriting along with a standard application. By doing it this way, underwriting doesn't have to make any assumptions about what's going

on and they can better underwrite the risk at a cost savings to the client."

Jacquelin's job involves risk: identifying it, quantifying it and of course, eliminating or mitigating it. How that role is fulfilled depends on the client. In practice, some clients have complex and effective risk management programs in place. In those cases, Jacquelin and his team work more towards quantifying risk, in order to lower costs. Other clients, however, need expertise to help them identify risks in order to develop or improve their risk management program.

For Jacquelin, and reflecting his broad experience, there are two schools of thought when it comes to risk management. The first involves preventing accidents and incidents from occurring in the first place. The second is the administrative approach that ensures that the proper coverage is purchased, contracts are properly worded and appropriate indemnifications are in place. Jacquelin explains, "You have to approach it from both directions. While we can do everything right operationally, unforeseen accidents happen, so the correct coverage and contracts have to be in place."

One of the biggest benefits that this job description brings to the table is that, as outsiders, every operation is viewed with a fresh set of eyes.

BEFORE YOU GO

For those interested in a career on the marine insurance side of the ledger, Jacquelin advises candidates to first get some real life experience in the industry and only then look for an opportunity with a major carrier. Being able to accurately translate the nuances between vessel operators and carriers will, he says, fill a need in the industry that is currently experiencing a void. He adds simply, "When I tell a tug company owner that I



PJ JACQUELIN

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can operate one of their boats, they know that they're with a broker that understands them and knows how to look out for their best interest."

Yacht racer, marine surveyor, Coast Guard veteran, college professor and professional mariner: it's not your typical career path and perhaps, not too many will ever get to duplicate that set of credentials. Nevertheless, and at its most basic level, it is experience that counts. PJ Jacquelin has that, and a whole lot more.

HELP WANTED! GIVE BACK TO THE NEXT GENERATION OF MARITIME INDUSTRY LEADERS. ALUMNI MENTORS ARE NEEDED TO ANSWER QUESTIONS FROM CURRENT CADETS IN THE ALUMNI ASSOCIATION'S ONLINE CADET MENTORING PROGRAM (**CAMP**) FORUM. WHAT'S YOUR SPECIALTY? SHARE YOUR INSIGHTS! VISIT **ALUMNI.CSUM.EDU/CAMP** TO LEARN HOW YOU CAN HELP.



DUNCAN CONNELL WITH HIS NEW CLASS RING



THE 1942 CLASS RING FOR DECK



THE 1942 CLASS RING FOR ENGINE

A Familiar Ring

When Duncan Connell's (E-42) class ring was stolen after moving into an assisted living center in Simi Valley, daughter Roxanne Fritsch contacted Cal Maritime to find out what could be done to replace it.

"Roxanne had already gone to the company, and they didn't have any specific designs left from that time period. I knew we'd have to do some outreach to other members of the class," said Kathy Baird, director of Annual Giving and Alumni Relations.

Baird notified Connell's classmates by letter to see if anyone could step forward with an assist. Both Laddie Meairs (D) and Leonard Gregory (E) were quick to answer the call. But what neither of them knew was that the Deck and Engine rings were very different.

"Laddie Meairs' ring was the first one I had the opportunity to see, since he lives in Antioch," said Baird.

"The center was very different than the blurry photo that I had as a reference on Duncan's ring. Meairs still wears his ring when he goes on cruises. He still has the original box, which is how we were able to contact the company."

Thanks to the quick action of Cal Maritime classmates, Connell's class ring has already been replaced.



THE COVER OF DUNCAN PERRY'S JOURNAL

CHRISTMAS COMES EARLY TO THE CAMPUS HISTORY COLLECTION

By Larry Stevens,
Asst. Archivist
Campus History Collection, Cal Maritime

For those interested in history — and specifically the history of Cal Maritime — additions to the Campus History Collection are like presents on Christmas morning. Steven Duncan recently donated several items that he inherited from his uncle, Cal Maritime alumnus Perry Duncan (E-33). The items dated from Perry's time on the Tiburon campus from 1931 to 1933.

This one-of-a-kind donation includes original photographs from the school's first two training cruises in 1932 and 1933, as well as a journal created by midshipman Duncan during these cruises. During the 1932 cruise, the cadets met with President Herbert Hoover and the Mayor of New York City, James Walker. The only around-the-world cruise in the Academy's history took place in 1933, and Perry Duncan's journal reveals exceptional details about this trip, mostly unknown before this gift was received. It contains personal photos, postcards, international whiskey & beer labels and coasters, newspaper clippings from various ports of call, ticket stubs from sporting events (including a bull fight in



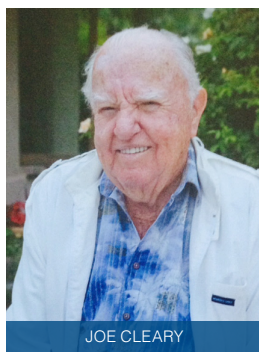
PERRY'S JOURNAL CONTAINS NEWS CLIPPINGS

Barcelona), restaurant menus, and a completely intact booklet from the "Annual Exhibition of the Fascist Revolution in Rome from October 28, 1932 - April 31, 1933." The front and back of the journal are covered with hotel stickers.

Also included in the collection is Duncan's Scholastic Report dated October 1932 (his grade average was 92); a 1932 CNS informational brochure; T.S. *California State* news bulletins issued during the 1933 world cruise; and a group portrait of the CNS 1931 cadets with their autographs on the reverse.

Mr. Duncan's journal has been scanned and can be accessed online via the Library's website, <http://library.csum.edu>.

Crossed the Final Bar



JOE CLEARY

CLASS OF 1942

Joseph “Joe” Philip Cleary was born in Los Angeles and graduated from Loyola High School, Class of 1939. During WW II Joe commanded several Liberty class ships. After Joe’s time at sea, he settled in Santa Monica/Pacific Palisades. He owned a lumber and hardware business for 30 years.

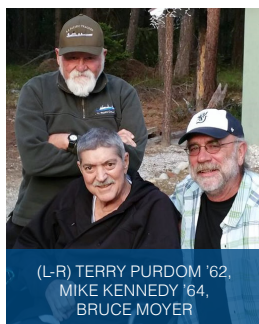
He was preceded in death his first wife Mary Ann and his second wife, Barbara. Joe is survived by his son, Tim, his wife Barbara along with her daughter and son Julie Fargo and Todd Borman. He is also survived by his son, Philip, his wife, Kimberly, and their children, Joe, Shea, Conway and Mary Ann. He was 94.



EARL SCHLAMAN

CLASS OF 1945

Earl Donald Schlaman, 89, passed away on February 20, 2015 in Grass Valley, California. After Cal Maritime, he received a bachelor’s degree in Business Administration from Cal Berkeley. Later, he joined the Navy. He later earned an MBA from Cal State East Bay. He retired from Lockheed Martin Western Development Labs in 1991. He was preceded in death by his first wife, Claire and second wife, Sandra. He is survived by his three children, Gregg, Brett, and Natalie White, their spouses, two stepdaughters, Erica Kanawyer and Joelle Ingolia and their spouses, and grandchildren Claire, Caity, Faith, Jeffrey, Grayson and Gabrielle.

(L-R) TERRY PURDOM '62,
MIKE KENNEDY '64,
BRUCE MOYER

CLASS OF 1964

Michael J Kennedy, of Chiwawa River Pines, Washington, died April 27, 2015. He is survived by his wife Judi, his sister Patty and children Stacie, Scott, Michelle, their spouses, and his “adopted” daughter Wendy, and six grandchildren. As a Merchant Marine, he worked in shipyards around the world and sailed on many ships throughout his career. After his family, Mike’s passion was baseball, he played throughout his childhood and early adulthood, turning that passion into coaching for over 20 years.

CLASS OF 1989

Jameson “Jamey” Scott Lowe passed away in San Diego in December 2014. He was 49. Jamey was an avid outdoor sportsman. He regularly explored the terrain of the Pacific Coast and the Southwest by off-roading, camping, yachting, motorcycling and jet skiing. Jamey was self-employed as an investment day trader since 2013. Previously, he worked as an engineer at Calpine, Epcor, Sithe Energies, and Crowley Maritime. Jamey is preceded in death by his loving father, mother and grandparents. He is survived by his sisters Lori Lowe and Colette Lowe, his brother Christopher Lowe, his stepmother Patty Lowe and extended family, cousins Mark, Bonnie, Diane and Linda.



JAMES LOWE

CLASS OF 1993

Donavon Bruce Baker passed away on February 13, 2014 in Sandpoint, Idaho. He would have been 45 years old on the 25th of February. He is survived by his wife Geneé of Sandpoint; his father Bruce ‘Dok’ Baker and stepmother Mary Baker of Los

Molinos, California; his mother Marsha (and Mike) Kempf of Murrieta, California; his sister Durenda 'Rendi' Baker of Chico, California; stepbrother Jusé Barros and step-sister Jess Garten both of Washington state; stepbrother Clay Kempf of Watsonville, California; his uncle John (and Margaret) Baker of Amelia Island, Florida.

He was employed by Maersk and serving as Chief Engineer aboard the tanker Bro Hawaii having just completed voyages between Japan, South Korea and the Marshall Islands. He was an avid bicyclist, runner, consummate powder skier, pilot, enjoyed guns and shooting, boating, and loved being with family. He was an excellent builder and spent the last few years constructing several outbuildings to match his dream log home in Sandpoint. A memorial scholarship endowment to support Marine Engineering Technology students has been established in memory of Donovan. For more information on contributing to Donovan's scholarship, please contact University Advancement at 707-654-1246.

CLASS OF 2000

Joseph C. "Joe" Thomas, 37, of San Diego died on December 13, 2014. He and his twin brother Arthur were born in Torrance, California to parents Charles W. and Rhedis M. Thomas. He was a Division Commander as a senior and in the U.S. Naval Reserve Midshipmen training program with active summer duty aboard the USS *Kittyhawk* and the USS *Duluth*. After attending the California Park Ranger Training Academy in Monterey, he worked in Tacoma, Washington as a Marine Superintendent for Ports America, Washington United Terminals, and the Port of Tacoma. Joe was a member of the Seattle Eagles Club, and was a founder of the North End Supporters for the Seattle Sounders soccer team. He recently moved to San Diego to be closer to his family. He is survived by his parents; sister Rhedis E.; brothers Arthur, Robert Neal and Gregory Neal (fiancée Denise Sisco and daughter Shaylin); son Matthew of Jacksonville, FL; uncle Arthur (Eileen); nieces Rhedis and Deserie; and nephew Cory.

CLASS OF 2011

Cody Wells Blackshear of Yucaipa, died Nov. 25, 2014, in Ventura County. He worked for the Port of San Francisco and Bass Pro Shop. Previously, he had worked as a congressional intern and as a team member for several political campaigns. He was a volunteer at the Veteran's Administration Medical Center in Loma Linda and for the U.S. Naval Sea Cadet Corps. He had been elected president of the San Francisco chapter of the Sons of the American Revolution. He is survived by mother, Carole Glovak; sister, Callie Rose Blackshear, and father, Tom Blackshear, and extended family.

Marijan Ciklic, 26, of Los Angeles, passed away on November 23, 2014 in Seattle, Washington. He was born on December 21, 1987 in Torrance. On his work trips he visited many countries, but there was one city that had a special place in his heart: Zadar, Croatia – the birth home of his parents and the place where he could visit all his extended family. He was an artist, a fan of martial arts and sports and enjoyed history, nature and science. He is survived by his parents, Femi and Bozidar (Bosko); and his older brother, Ivan.



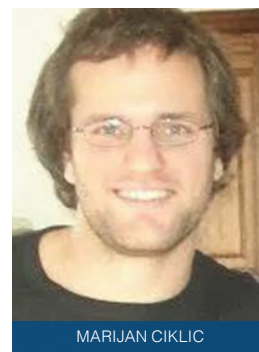
DONAVAN BAKER



JOE THOMAS



CODY BLACKSHEAR



MARIJAN CIKLIC



SCOTT GREEN, maritime vocational instructor in the engineering technology department, demonstrates Cal Maritime's new L3 Marine Engine Room Simulator. The simulator was donated to Cal Maritime by Chevron.

"The new sim has provided us a unique suite of simulation capabilities that puts Cal Maritime on par with the world's most advanced institutions and that is almost unparalleled in North America," said Green.



SAMANTHA BEAL and **ALEX BUGAIISKY** prepare for the Glee Club concert last fall.



CAPTAIN RYAN MCKENNEY (Class of 2004, 2D) and **CHIEF MATE FRANK WHIPPLE** (Class of 2006, 1D) aboard the M/T *California Voyager*, Chevron Shipping Company. Gatun Locks, Panama Canal.



THE GOLDEN BEAR SOCIETY honors those who choose to express their commitment to maritime education and provide for California Maritime Academy in their estate plans. Cal Maritime friends with a legacy gift of \$25,000 or more are invited to become a member of the Society.

Many estate planning options are available to Golden Bear Society members, some of which have no out-of-pocket expense, provide income for life, or have other tax advantages.

Golden Bear Society legacy giving options include:

- Bequest in your will
- Life income gift
- Charitable gift annuity
- Charitable lead trust
- Retirement plan assets
- Living trust provision
- Residence or other real estate holdings
- Insurance policy
- Tax free distributions from your IRA (pending 2015 government renewal)



The Golden Bear Society



CAL MARITIME

www.csum.edu/planyourlegacy

For information please contact
Melissa Cohea,
Senior Development Officer,
at mcohea@csum.edu
or (707) 654-1789.



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200 Maritime Academy Drive
Vallejo, CA 94590-8181

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Calendar of Events

8
Summertime
at the Maritime Concert:
Roy Rogers and the Delta
Rhythm Kings featuring
Carlos Reyes
Admission and parking \$15
www.csum.edu/summertime

21
Long Beach
Captain's Reception
alumni.csum.edu/captreception

24
Training Ship *Golden Bear*
Returns to Campus

26
Orientation Week Begins

31
First Day of Instruction –
Fall Semester

August

7
Labor Day
(University Closed)

14
California Maritime Academy
Foundation Golf Classic
www.csum.edu/golf

September

9
Homecoming
Welcome Back Reception
www.csum.edu/festival

10
Cal Maritime Festival
www.csum.edu/festival

11
Day on the Bay
www.csum.edu/festival

October

SUMMER SENDOFFS

The CSU Maritime Academy Alumni Association invites all incoming freshmen and their families to our Summer Sendoff events as a way to welcome you into our family.

alumni.csum.edu/sendoffs

7
Cal Maritime's
11th Annual Gala
www.csum.edu/gala

11
Veteran's Day
(University Closed)

14
Cal Maritime Preview Day
www.csum.edu/previewday

November

4TH THURSDAYS

The CSU Maritime Academy Alumni Association organizes monthly, casual, come-if-you-can gatherings in the major cities where Cal Maritime alumni are living and working.

alumni.csum.edu/4thThursdays