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MARINER

The ALUMNI MAGAZINE of MAINE MARITIME ACADEMY

— ISSUE 1 · 2018 —



Cruising Castine
By sea or land, enjoy all the
area offers in summer.

Hands-On, Minds-On
How MMA's unique blend of
learning works

He Has the Formula
Student leader succeeds
with support.

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He Has the Formula

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By sea or by land, enjoy all the area offers in summer.

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Summer Getaway—just add a pond or so

On the Cover: Elliot Roberts '18, Marine Transportation major, gets hands-on experience in the Bridge Simulator. Photo by Billy Sims

A person stands on a sandy beach at night, their silhouette illuminated from behind by a light source. They are looking up at a vast, starry night sky where the Milky Way galaxy is clearly visible, stretching across the frame. The ocean is dark and calm, reflecting the light from the stars. The overall scene is serene and awe-inspiring.

Sea of Stars

WHO HAS NOT BEEN TO SEA for any length of time without marveling at the wonders of the night sky that have guided mariners for millennia? This photo by Vessel Operations and Technology major Nathaniel Souza '21, shot last summer at Sand Beach in Acadia National Park, is an apt winner of the 2017 MMA Photo Contest.

"The photo," he says, "makes me think of a quote from Carl Sagan: 'We began as wanderers, and we are wanderers still. We have lingered long enough on the shores of the cosmic ocean. We are ready at last to set sail for the stars.'" ■

■ See all the photo contest entrants at mainemaritime.edu/photocontest.

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MARINER Magazine

STAFF**DIRECTOR OF COLLEGE RELATIONS**

Jennifer DeJoy | jennifer.dejoy@mma.edu

MANAGING EDITOR

Billy R. Sims | billy.sims@mma.edu | 207-326-2224

ART DIRECTOR

Deanna Yocom | deanna.yocom@mma.edu

ADVERTISING INQUIRIES

mariner@mma.edu

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Dr. William J. Brennan

PROVOST & V. P. FOR ACADEMIC AFFAIRS

Dr. David M. Gardner

V. P. FOR ADVANCEMENT

Christopher J. Haley, MBA

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MANAGEMENT**

Dr. Elizabeth True

V.P. FOR FINANCIAL & INSTITUTIONAL SERVICES

Petra Carver

DIRECTOR OF ALUMNI RELATIONS

Jeff Wright | jeff.wright@mma.edu | 207-326-2337



MMA PRESIDENT
Dr. William J. Brennan

Pathway to MMA's Future

SEVEN YEARS AGO, in my April 2011 State of the Academy Report, I laid out a plan to advance Maine Maritime Academy as a contemporary college. A fundamental component of that plan was the implementation of annual planning, programming, budgeting and execution. One of my goals was transparency. We also needed a system of guidelines and procedures to provide consistency and ensure effective utilization of resources.

Since that time, we have put those systems into place and worked collaboratively to align programs with the institution's vision and mission statements. Most recently, we have worked strategically across divisions and departments to develop rigorous plans for the future.



Stakeholders throughout our community have embraced overarching strategic goals for the Academy, established by the Board of Trustees, and we now have a shared responsibility for reaching those goals through division objectives and attendant action steps toward measurable outcomes.

It has given me a great sense of pride to witness the depth of community involvement in planning for our future. Participation has been high, and we have identified critical initiatives for the welfare of the institution. We are coming to realize a shared vision of who we are and what we envision we can become.

The achievement of this vision depends on every one of us, because we are at a critical crossroads as the cost of higher education continues to escalate. In order to attract and serve our student population, we need to generate more scholarship dollars to

offer as we compete with other colleges for the students in each incoming class.

As of this spring, we have committed to two major initiatives that will provide the foundation for generating more scholarship revenue: the establishment of an ancillary enterprise, and the establishment of a culture of giving within our community.

We are preparing to move forward with the construction of the Maine Maritime Academy Firefighting Training Facility, a first step and a significant component of extended career-related training for professional mariners through a new Center for Professional Mariner Development (see page 9 for details). We will build the Center in multiple phases as an ancillary source of revenue to support the operational cost of the institution, thereby lowering the budgetary reliance upon tuition and, ultimately, lowering the cost of attendance for students and their families in the future.

In addition to ancillary revenue, we will work toward establishing a culture of giving within our community.

Philanthropy must play a much larger role in supporting our bottom line. I believe that if we can build a spirit of philanthropy within our student body, we can build a culture of giving, and that can extend as far back as our first graduating class. Increasing Annual Fund participation is a critical pathway to increasing financial aid support at Maine Maritime Academy.

Through a concerted, far-reaching fundraising approach and a revenue-generating Center for Professional Mariner Development, both of which will be implemented in phases, we will set the financial foundation for achieving our goals.

I hope you will engage with us as we undertake these initiatives. I invite and welcome your ideas, your enthusiasm and your participation.

“We are coming to realize a shared vision of who we are and what we can become.”

Board Election



“I encourage you to participate in the nominating process.”

Six directors will be elected and each director shall hold office for a term of four years from the date of the Annual Meeting of the MMA Alumni Association and until his/her successor is elected and qualified. Officers are elected by the membership and serve until their successors are elected.

A remit envelope, complete with nomination form, is enclosed in this edition, or you can visit <https://goo.gl/SdPnqy>. Nominations will be accepted through May 31, 2018 by the Alumni Relations Office. A ballot will be mailed to members by July 30, and the results of the election will be announced during Homecoming at the Alumni Association Annual Meeting, conducted at 10:00 a.m. on September 29, 2018.

As a Board Member of the Maine Maritime Academy Alumni Association for nearly eight years, it has been a rewarding experience for me. I encourage fellow alumni to consider serving. I truly have enjoyed my time. I look forward to seeing you at this year's Homecoming.

Best regards,

Joe Cote '82

FIRST AND FOREMOST, I would like to congratulate the Class of 2018 on your academic accomplishments and welcome you as alumni of Maine Maritime Academy. I encourage you to reach out to your local chapter or contact the alumni office and connect with other alumni. The Alumni Association is a very strong and active supporter of the Academy, and further provides a wonderful opportunity to network. We look forward to meeting you.

Now, some business: It's election time again for the Maine Maritime Academy Alumni Association Board of Directors. Election is conducted by ballot every two years. All graduates of MMA are members of the association and are entitled to hold office.

I encourage you to participate in the nominating process. The Board of Directors consists of 18 voting members, of which 16 are graduates. The remaining two directors are currently enrolled students. Board of Director membership includes a President, Vice President, Treasurer, and Registered Agent (Clerk). Only the Registered Agent must be a resident of Maine.

ALUMNI ASSOCIATION BOARD OF DIRECTORS

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JOE COTE '82
32 Locksley Lane
Brewer, ME 04412
jcote@cianbro.com

VICE PRESIDENT

CAPT. WILLIAM S. FULL II '76
3 Balsam Dr
Cumberland Center, ME 04021
bill@ceys.com

TREASURER

CHARLES LECHMAN '65
6 Sweet Haven Lane
Harpwell, ME 04079

CLERK

MICHAEL X. SAVASUK, ESQ. '74
26 Stony Ridge Drive
Cumberland, ME 04110
B: 207-780-6789
msavasuk@troubhheisler.com

PAST PRESIDENT

JAMES PROULX '85
126 Silk Farm Road
Concord, NH 03301
B: 603-659-7011

jimproulx@proulxoilandpropane.com

BOARD MEMBERS

JOHN GILLIS '72
PO Box 127
Norway, ME 04268
jdglobalenergy@gmail.com

DR. MARCE GOUSSE '82
PO Box 45
Mt. Dessert, ME 04660
marc.gousse@mdirss.org

WILLIAM M. GUERETTE
1 Green Street
Castine, ME 04421
207-518-1588
william.guerette@mma.edu

MARY HUTCHINS '11
PO Box 125
Grantham, NH 03753
maryesc18@yahoo.com

RYLEE W. KNOX
204 S Livermore Road
Turner, ME 04282
rylee.knox@mma.edu

M. SHAWN
LONGFELLOW '86
1008 Rosea Ct
Leland, NC 28451
shawn.longfellow@gmail.com

TROY MALBON '89
69 Anthony Avenue
Topsham, ME 04086
troy.malbon@ubs.com

CHESTER T. MANUEL '67
51 Crescent Street
Skowhegan, ME 04976
cxmanuel@gmail.com

STEVE RENDALL '96
1 Squire Lane
York, ME 03909
rendalls@gmail.com

STEPHEN "JACK"
SPRATT '93
577 Castine Road
Castine, ME 04421
sejackspratt@gmail.com

CAPT. RALPH
STAPLES '71
299 Oak Valley Lane
Escondido,
CA 92027-5338
rstaples@
epsilonsystems.com

ANDREW STROSAHL '05
18 Beacon Circle
Dover, NH 03820
aestrosahl@gmail.com

TIMOTHY C. WINTERS '86
29 Fieldstone Drive
Dover, NH 03820
twints@comcast.net

DAVID WITHERILL '76
5 Candlewick Lane
Cumberland, ME 04021
penbaydw@gmail.com

Comments

WITH THE INTRODUCTION of the first digital edition of *Mariner*—Issue 2, 2017—readers have an easy way to provide immediate feedback in the comments form beneath each article.

Here is a sampling of comments related to the issue (article titles are underlined below), including a handwritten letter via USPS. We appreciate feedback, no matter what the medium.
—Ed.s

WAR TALKS

BALANCE AND BREADTH

A few years after graduation from MMA ('62), I used my GI Bill benefits to attend the U of ME at Orono. I wanted to augment the MMA technical education with exposure to the humanities.

I have never regretted that decision, and was happy to read the article “War Talks” (*Mariner*—Issue 2, 2017) as an indicator of the balance and breadth of today’s Academy.

Also want to give a shout-out to the content, graphics and layout of *Mariner*. I look forward to each issue.
—Alan Scott '62

ENGINEERING CHANGE

CAREER COURAGE

I agree with what you say [in this article]. I am now 28 years old, and when I graduated from the best engineering college in Nagpur [India], I thought that I might not be able to have a career like men do. But I tried, and now I am a software developer.
—Tina Singh



LAST PASSAGE

EPIC VOYAGE

Amazing voyage, Josh! Thanks for sharing this. Great job on the documentary.

—Barb Biscone

I like; this was my dream!! Good luck my bro, Josh.

—Alain Ingan

Wow...I understand another MMA Alum was also on the *Dino* for this epic voyage?

—Larry Wade '64

Yes, in addition to Josh Shaw '12, Katherine (Kat) Strout '10 was also aboard.

—Ed.s

CAMPUS CURRENTS

FORTS FACTS

[Re: “Friends of the Forts”] Great article. If you could provide directions, map, prices, etc. I think the event would draw more attendees. I look forward to visiting with my son next year. Great historical piece. Thank you.

—Chris

You can find the information at: friendsofcastineforts.com.

—Ed.s

HARD TO WINDWARD

THANKS TO MMA SAILING

Sailing at MMA is one of my many highlights from the six years I spent in Castine. I learned many things from small boat sailing. Coach Minson always told us that the small boats were where you actually learned how to sail, and he was right.

I am a much better ship-handler and sailor for the lessons the Bagaduce River and Castine Harbor taught me. Thank you, MMA Sailing and good luck team on all future regattas!

—Carl Rhodes '04

Great article and many thanks to Phil, Tim and all involved in MMA’s Sailing success; and let’s not forget Dunk. As a former team member aboard *Maritime Express*, I want to clarify one point and give credit to *Mariner* who won GMORA in 1992. We were nipping at *Mariner*’s transom all season likely due to the fact that (it is rumored) we were distracted by [friends aboard, not on the team, who] slowed us down just a touch.

—Matt F. '90, '92

I enjoyed reading the article. As a retired Professional Mariner, I agree with Trustee, “Kitt” Watson in his belief that sailing is an essential activity for all students to experience the many tests of character and leadership qualities that mark all sea-going mariners as being “professional.”

Thanks to Mr. Watson for his recognition and guidance of the sailing programs as an important part of the MMA education that ensures the academy will remain a “special place.”

—William Mahoney '56

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videos and virtual reality in this issue



A Working Classroom



TSSOM Repair



Simulator Experience



MMA Hands-On



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MAINE MARITIME ACADEMY

Campus Currents



New Training Facility

Center for Professional Mariner Development underway

GROUNDBREAKING FOR THE MMA Center for Professional Mariner Development (CPMD) is planned for May, the first phase of which is a firefighting training facility on academy-owned land in Penobscot, Maine.

The goal is to complete the new classroom space and equip the facility for firefighter training for MMA students and professional mariners to use in the 2018-19 academic year.

“The facility will also be developed in additional phases and used by Continuing Education to provide professional mariners with re-certification courses required by the

U.S. Coast Guard,” says MMA President, Dr. William J. Brennan. “A key goal is to provide an ancillary source of revenue to support operational costs of the academy, lowering reliance on tuition, and thereby the cost of attendance for students in the future.”

Currently, MMA students travel to an off-campus location for most firefighting training, so there will be an immediate benefit from having a local site. It will also provide a contemporary, high-tech simulation environment built to the standards of certifying organizations. This includes a live-burn training

Firefighting training will be the focus of the first phase for the CPMD. Renderings below show the classroom building and the live-burn structure.



structure, using a propane burn system, a classroom structure with storage, and power/water utilities run to the build site.

“Utilizing a purpose-built live-burn facility, we will be able to replicate the internal environment of a ship, which is quite different from a traditional building, architecturally,” says Capt. Nathan Gandy '92, Dean of Maritime Training, who will oversee the program.

His current additional role as Commandant will be split off and filled by a new hire in the near future.

“We will continue to assess program expansion opportunities that can both advance professional mariner careers and enhance the skills of our students,” Gandy says.

Over time, MMA leadership will look to expand the simulator center in the BIW Building, the construction of a Helicopter Underwater Evacuation Trainer (HUET) and a number of other technology simulators and trainers, as well as the redevelopment of portions of the waterfront to support a lifeboat training facility to fully serve the certification requirements of professional mariners.

The estimated cost of the live-burn structure and classroom/storage area is \$2.5 million, funded through a combination of private donations, Continuing Education revenue, and MMA operating funds. Some \$750,000 in private contributions have already been pledged for the project.

CPMD offers potential to meet demands for more highly trained, certified and credentialed mariners. ■



TRAINING SHIP

Ready to Cruise

Fresh from dry dock and refitting, TSSOM is prepared to soon depart.

T/S STATE OF MAINE arrived back in Castine on February 23 after an extended yard period in Brooklyn, New York, and will depart on the annual training cruise, May 7.

Drydock is required for TSSOM every five years. Yard projects included work on the rudder post, rudder and prop shaft; blasting to bare metal and painting the ship's three ballast tanks; a full hull blast, prime and paint; painting in the engine room bilge; and hydroblast, prime and paint on both houses. Since returning to homeport, the main engine has been overhauled. Cost: nearly \$5 million paid by MARAD.

First-year Unlimited License students are undergoing a condensed but thorough shipboard deck and engineering familiarization program.

Ports of call for Cruise 2018 (subject to change) include Cadiz, Spain; Rotterdam, Netherlands; Lisbon, Portugal; Civitavecchia, Italy; and Alicante, Spain before arriving back in Castine on July 14.

The 2018 Training Cruise will be 70 days in duration, shorter than the 90-day cruises

of the previous two years. First-year students will stay aboard for the entire cruise, as will the junior deck students. Junior engineering students will be split between Cruise A and Cruise B, as their sea day requirements differ. Half will participate in Cruise A with training, watches and maintenance aboard the ship during the North Atlantic transit and the first three cruise port visits. Their final stop will be to report for additional shoreside training

in Castine specific to STCW requirements. Cruise B students will report for Cruise one week early for the STCW training in Castine prior to cruise. They swap out with the Cruise B junior engineers in Lisbon in mid-June.

TSSOM's new Chief Engineer is Clifford “Sandy” Cameron '84, who has been sailing as Chief for more than a decade on multiple MSC vessels, and he continues a long legacy of family connection to MMA. ■

► Videos highlighting the refurbishing of TSSOM and upcoming cruise experience: mariner.mainemaritime.edu

Ports of call
include Spain,
Portugal and
Italy.

COMMUNITY

MAINE OCEAN HIGH SCHOOL START-UP IN SEARSPORT

WITH A TIP OF THE HAT to several MMA alumni, Maine's second public magnet school is set to open for its first academic year beginning in September. Academy graduates have played key roles in its founding and initial operation.

"The school's mission is to provide a theme-based high school education focused on Maine's maritime connection with an emphasis on leadership, work ethic and transferable skills associated with careers involving the sea," says Capt. Eric Jergenson '00, Assistant Professor, Marine Transportation Operations and Chair of the Ocean School Board of Directors.

The school's curriculum offers four tracks: Marine Science, Transportation, Engineering, and Management. Courses range from the study of aquaculture and ship handling to electronics and business.

Although the school is not affiliated with MMA, "a kid coming from the school is probably a pretty good candidate for Maine Maritime Academy," Jergenson says. "But it's just as important that students who choose not

to pursue post-secondary academic education are able to successfully filter directly into maritime industries."

In addition to Jergenson, other MMA alumni involved include, Cynthia Prosser '06, Genevieve Black '14, Monet Brazier '11, Capt. Michael J. Ames '77, Dennis Weeks '77, Capt. Lindsay Pinkham '04 and Teri Jergenson '01. MMA employees and students are also involved: Dr. Ann Cleveland, John-Michael Payne, Mary Elizabeth Greenier, Hila Shooter and Anna Spring.

"It's a natural fit for us," Jergenson says, "and we care about the role the school can play in the community, state and beyond."

Now comes the task of growing enrollment. "We're not only after those with a high GPA," Jergenson says, "we're after high-achieving students."

"I consider a high-achievement kid one who can tear down an engine in his or her driveway or a kid who's lobstering on the weekends. There are so many different venues."

"We just know these kids ... MMA alumni were these kids." ■

ATHLETICS

Poised Presence

Alayne Felix leads by example.



ALAYNE FELIX, in just her junior season, has already become one of the most successful and decorated players to step onto the hardwood inside Smith Gymnasium. This season Felix surpassed the 1,000 point plateau, tying Alyssa Burns '07 as the quickest player to ever accomplish the feat, doing so in just 58 games. And she helped lead the Mariners to their first 20-win season since the 2006-2007 season and to the team's first North Atlantic Conference Championship game since 2007-2008.

Felix has received numerous individual awards, including being named to the First Team All-NAC three years in a row and to the All-State First Team two years in a row.

Arguably one of the most dominant players in the NAC, Felix's basketball accolades speak volumes, but her contributions to the team off the court are just as valuable to the women's basketball program.

"Alayne cares about the team and its growth far more than her personal gain," says Head Women's Basketball Coach, Craig Dagan. "She does things the right way, while staying humble and not seeking self recognition."

Felix's choice to come to Maine Maritime was a geographical risk for the Mahopac, New York native, but one that has paid off largely because of the value she places on her education, based primarily on the opportunity for post-graduation success. Finding the balance between athletics and academics has been her biggest struggle, but Felix says that getting a good grade on her Gas Turbines test is just as important to her as beating the top-seeded Castleton University Spartans in the NAC tournament on their home court.

Next season, Felix will be joined by her sister, Claire, at Maine Maritime Academy on and off the court. ■

— By Riana Sidelinger, Athletic Communications Coordinator



CAMPUS CURRENTS

FACILITIES

COVER A LOT OF GROUND

MMA FACILITIES DIRECTOR, Adam Potter, gathered his crew for a Q&A session that provides insight on what it takes to keep the MMA lights, power and heat on, and so much more.

What is the scope of your work?

The best way to cover the scope is a list: We manage facilities, the physical plant, heating plants, infrastructure, parking and utilities.

We oversee the maintenance and construction of residential, dining, landscape, parking, office, classroom, research and waterfront areas.



Shawn Heath, Building and Grounds Tradesworker II, a member of the Facilities team renovating the Wyman House

Additionally, Facilities manages mail services, shipping and receiving, fleet services, fire and building code enforcement, fire alarm and sprinkler systems, elevator systems, building automation, and emergency backup systems. We work with the Castine Fire & Rescue Department, and serve on the town Elm Tree Committee and local water and sewer boards. We also work with state and federal agencies and ensure regulation compliance.

What are some of the numbers involved?

We manage approximately 40 buildings, from the field house

to a residential garage, with a total of 600,000 gross square footage and 240 acres, between Castine and the college's Penobscot property.

What size is the staff?

41 members

What trades are represented?

We have a versatile group. Trades and responsibilities include: Custodial, roads and grounds, shipping/receiving, postal clerk, SDS management, environmental health and safety, electricians, plumbers, boiler techs, fire alarm system techs, locksmithing, fleet vehicle and athletic field maintenance, planning of new construction and remodeling of existing structures, furniture movers, managing service contractors.

Longest serving staff member?

Carlton Hooper, 40 years (hired in 1978)

How have things changed since Hooper came aboard?

Can't drink or smoke at work; dorms aren't totaled at the end of the school year; the Galley is in a different building (used to be in BIW, called Baron Castine hall in 70s); everyone used to get a turkey at the holidays; never had snow days; Safety had Cushmans; campus size has grown; no more galley trays to use as sleds; there were only two female students in '78; Mug-month was longer; there were frats with houses in front of Curtis (built by the frats); no computers or walkies, only pagers; employees brought their own tools to work, everyone wore a uniform, no artificial turf and the school had a rifle range and bowling alley. ■



LIBRARY SERVICES

Books & More

Library offers new services and tools.

NUTTING MEMORIAL LIBRARY'S director, Lauren Gargani, was appointed in October, 2016 after six years as the Public Services Librarian. Under her leadership, the library has established new goals focusing on instructional services, community engagement and stronger support for students and faculty.

In line with this emphasis, Ann Dyer was hired as Public Services Librarian, bringing a wealth of experience in educational media, instructional design and library services.

To supplement its excellent collection of curriculum-focused materials, in March the library joined the Minerva consortium of Maine libraries, which gives students and faculty access to the collections of more than 50 Maine libraries, while bringing the academy's collections to the attention of library users throughout the state of Maine.

The library has evolved from being simply a quiet space for study and research to providing a wider variety of services and programs. For example, two virtual reality systems have recently been added, providing users the chance to explore and interact with new worlds, both real and imagined.

Both tools help students and faculty alike gain practice with emerging learning technologies. The library plans to develop virtual reality video content in partnership with Instructional Designer, Jim Picariello.

STAFF RECOMMENDED NEW BOOKS:

Soonish: Ten Emerging Technologies That'll Improve and/or Ruin Everything by Kelly and Zach Weinersmith— "from augmented reality to cheap space travel."

The Dawn Watch: Joseph Conrad in a Global World by Maya Jasanoff— "follow one of the greatest writers of our time from the influences of exile in childhood to sailing the world as a mariner."

Endurance: A year in space, a lifetime of discovery by Scott Kelly— "perspective of one man who spent 340 consecutive days in space separated from everything we take for granted."

Writer, Sailor, Soldier, Spy: Ernest Hemingway's Secret Adventures, 1935-1961 by Nicholas Reynolds— "captivating narrative reveals new discoveries, shining a light on Hemingway's recruitment by Soviet spies and covert relationship with the FBI." ■ — By Ann Dyer, Public Services Librarian

TOWN HALLS

MMA Strategy Shared

ON MARCH 27 AND 28, Academy leadership highlighted plans for, and progress toward, the future of MMA with the campus community during two lunchtime events.

President William J. Brennan opened the meetings with an overview of the ongoing strategic planning process that has involved input from all MMA departments, the Board of Trustees and others interested in the success of MMA, and stated, “Together we have developed a decision-coordination process that allows for transparent review of planning, programming, budgeting and execution. We have undertaken a shared responsibility for reaching those goals through division objectives and attendant action steps towards measurable outcomes.”

Among the goals are helping students overcome the increasing cost of education, providing enhanced continuing education, and facilities maintenance and renovation.

“An affordable education for all, including students of limited means,” said Brennan, “is a goal we have all embraced.” To succeed, he added, new opportunities, sources of revenue, and cultivating philanthropy need to be

pursued creatively.

Examples cited, which MMA vice presidents subsequently discussed in more detail, are the multi-phase formation of the Center for Professional Mariner Development (see “New Training Facility,” pg. 9), more cohesive use of technology campus-wide, redevelopment of portions of the waterfront, and improved outreach and fundraising capacity with particular emphasis on the Annual Fund.

Questions from the audiences were fielded by event speakers, and lively discussions continued over the course of lunchtime. As one participant remarked, “It’s great to share the vision—and the challenges—together.” ■



Provost David Gardner presents curriculum goals.

REGIMENT

MARITIME CONFERENCE, REAL DEAL

MMA HOSTED THE SECOND ANNUAL State Maritime Academy Leadership Conference on March 16-18. Current and aspiring student leaders from the academy and SUNY Maritime gathered to share ideas, network and participate in presentations offered by leaders in the military, transportation, oil and gas, and energy sectors. This year’s theme was “The Real Deal: Leadership Lessons from Campus to Career.”

U.S. Navy Cmdr. Matthew Cegelske ’01, Marine Systems Engineering, offered the keynote address, touching on how historical and personal events during his tenure as a student leader and early career in the Navy shaped his leadership development and career advancement.

Cegelske tied those nascent experiences to his current role as the Commanding Officer of Cyber

Defense Activity SIXTY-FOUR.

The program continued with presentations offered by alumni Nathan Hall ’00, Matthew Hight ’94, and Alex Mitchell ’09. Speakers related their career paths, and shared how their student leadership experiences translated to their professional growth. Several themes resounded throughout the weekend, including mentorship, personal and professional ethics, humility, and passion for one’s chosen profession.

Following the daylong presentation program, delegates participated in an informal roundtable discussion facilitated by newly-inducted Regimental Commander, Bryon Fogg, during which student leaders shared challenges and solutions for possible implementation on their campuses. ■ —By Allison Small, Company Officer

TAKE THE QUIZ

CELESTIAL NAVIGATION



Astronavigation has always been, and continues to be, a mainstay of MMA instruction. Can you ace these questions provided by Marine Transportation Dept. Chair Rick Miller?

1. A ship is in longitude 73°00’W on a true course of 090°. The ship’s clocks are on the proper time zone. At what longitude should the clocks be changed to maintain the proper zone time?

- a) 60°00’W
- b) 67°30’W
- c) 75°00’W
- d) 82°30’W

2. During the month of August the Sun’s declination is:

- a) north and increasing
- b) north and decreasing
- c) south and increasing
- d) south and decreasing

3. The zenith is the point on the celestial sphere that is:

- a) 90° away from the poles
- b) directly over the observer
- c) on the eastern horizon
- d) over Greenwich

Answers: 1.) b ; 2.) b ; 3.) b

For a 360° view of the Kennaday Planetarium, see mariner.mainemaritime.edu.

He Has the Formula

Eddie Ma's drive to succeed gained traction with financial and personal support that keeps the gears turning.

by Billy Sims · photographs by Billy Sims & Associated Press

NEWTON'S SECOND LAW of Motion—force equals mass times acceleration—is an apt figurative description of systems engineering major Eddie Ma '18. The proof is a long list of Ma's academic and extracurricular achievements. His personal drive is the force behind it all. But the financial support he receives in the form of two scholarships, the Robert S. Walker Regimental scholarship and Kirsten J. Friberg Memorial scholarship, have proven essential. "Some people pass through MMA keeping a low profile, but Eddie isn't one of those people," says Chris Gilman '16, a former student mentor.

LEARN FROM THE BEST

In 2002, Ma immigrated with his family from China to Connecticut where he graduated in 3 ½ years from high school in 2008. He enlisted in the U.S. Navy, trained as a gas turbine technician, graduating at the top of his class, and was assigned to the Seventh Fleet in Japan.

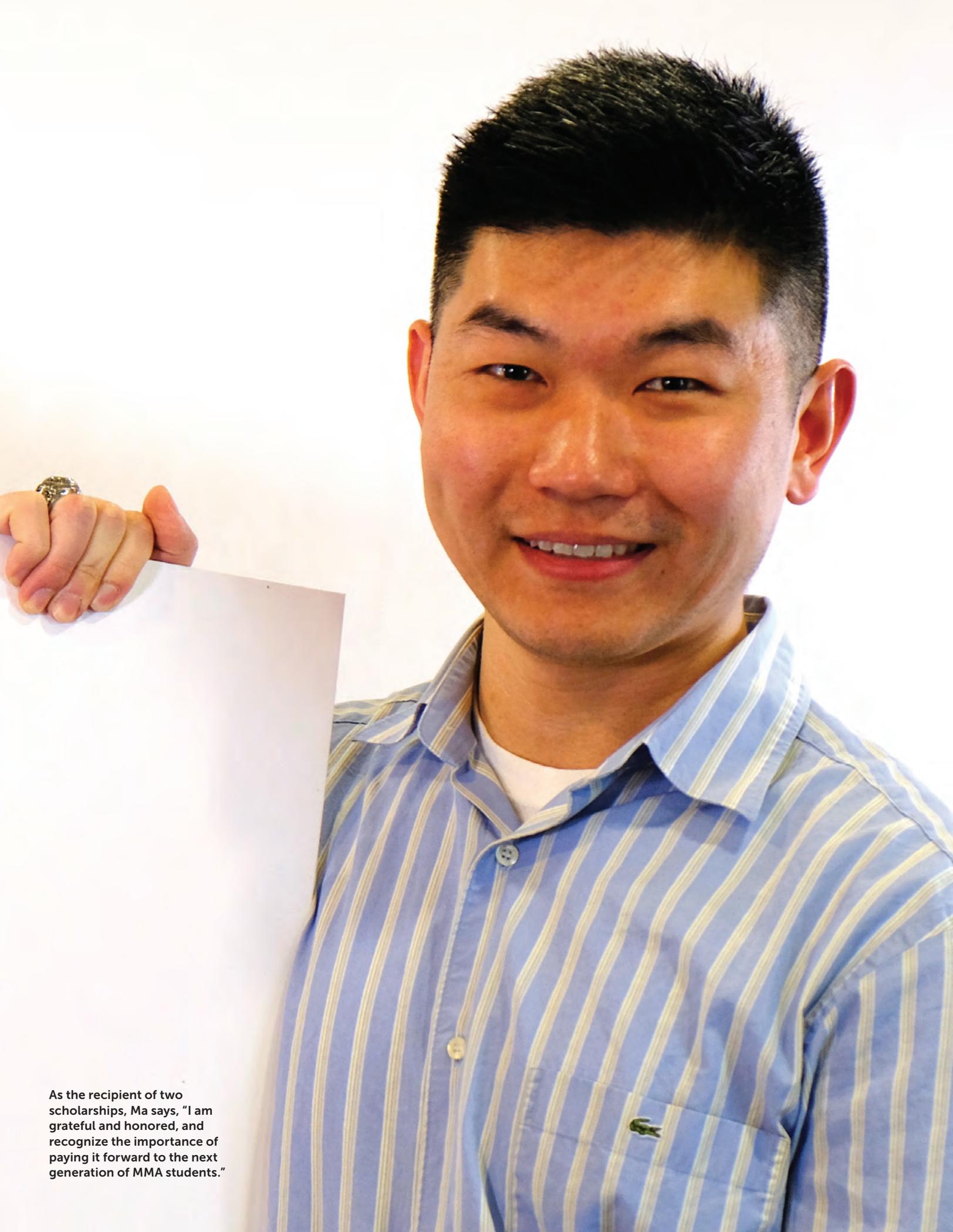
"I was told in tech school if you don't advance to E5 (Petty Officer, Second Class) within your first contract, you're not doing it right," says Ma. "I was also told, 'Look for the best. Learn from the best.'

"So I had that mindset going into my first assignment, and was lucky two people recognized I wanted to learn and took me under their wing. Within three years, I qualified for Engine Duty Officer and Fire Marshall."

At the end of his enlistment, Ma set his sights on attending college. But his family recruited him to help his father start a business fabricating granite countertops and cabinetry. Involvement in

bootstrapping the company introduced Ma to entrepreneurial experience—finding a manufacturing facility location, permits, licensing, suppliers, contractors and marketing. The business now employs a team of people who do complete installations, including electrical and plumbing.

F = m a



As the recipient of two scholarships, Ma says, "I am grateful and honored, and recognize the importance of paying it forward to the next generation of MMA students."

MMA CHALLENGES

With his experience from the Navy and business start-up under his belt, Ma turned his attention to choosing a college. “I had learned how to learn and research, to navigate information,” he says. “I basically discovered MMA from a Google search, and as I browsed the school’s website and saw the marine systems engineering degree program, it seemed like an open door for me, a match for what I had done and what I wanted to be. I came for a visit and fell in love with the setting.”

As it is for most freshmen, especially those who choose the Regiment and challenge of Systems Engineering, Ma found the experience daunting: “I was definitely testing the water,” he says. But by his sophomore year, he became involved in the regimental training staff as a Delta Company Mentor and was chosen President of the Student Government Association (SGA), which soon summoned his leadership ability with the sinking of SS *El Faro* in Hurricane Joaquin in October, 2015.

The tragedy involved the loss of five MMA alumni, most of whom were recent graduates, and for days surrounding the event the morale on campus was low and grief was high.

“I was in a state of shock myself,” says Ma, “but I kept thinking about what we could do to support students, families and the community.” With MMA staff collaboration, SGA organized a candlelight vigil on Leavitt Hall lawn that brought hundreds together to “bring hope to family and friends, a way for students to pray for those lost, and the lights to guide them back to us.”

A table was set with photos of the alumni and handwritten signs, “Mariners Forever” among them. Special counseling sessions were offered to students to encourage discussion with faculty and others to share feelings and concerns.



As part of a team in a capstone systems engineering project, Ma presents how they plan to develop a fluorescent dye marker to aid rescue in man-overboard situations. (Below, left) As SGA president his sophomore year, Ma was instrumental in organizing a vigil during the SS *El Faro* tragedy.

GROWING PASSION

At about the same time, Ma confesses his academic load and extra activities forced him to question whether he wanted to stay in the five-year systems program or change to a less taxing one that would allow him to graduate sooner. He failed a class. “I was too involved in other things and didn’t manage my time as well as needed,” he says.

As when he was in the Navy, he asked a mentor, Chris Gilman, then an MMA senior, for help. “I was able to convince him to stay with the systems program,” says Gilman, “by explaining the long-term value of the program and that his career options would be greater.

“Eddie will be successful at whatever he sets his sights on,” Gilman says. “I was always surprised and impressed by the responsibility he took on—he is a fantastic student leader.”

Dr. Paul Wlodkowski, one of Ma’s engineering professors and also a mentor, says, “While at MMA, Eddie has evolved to be philosophical, yet pragmatic. I’ve observed him develop a passion for understanding the interconnectedness among various engineering disciplines, whether it’s thermo-fluids, structures or materials; yet he has the vision to see it all as a powerful pathway to a career in the global economy.”

PAYING FORWARD

As Ma has progressed in his studies, he also has stayed involved in student affairs. In early 2017, he successfully lobbied and helped secure funding for a veterans center on campus, which opened in a wing of Captain Quick Hall on Veteran’s Day.

The center provides a quiet lounge where veterans can connect to discuss relevant issues or work alone. MMA has 23 students who are veterans this year. There were only five when Ma arrived.

One recent afternoon at the center, he talked energetically about what the future may hold for him now that he’s in his final year at the academy. He’s Vice President for the Class of 2018 and hoping to become a surveyor and auditor after he graduates.

“When I look back—and ahead—I have a deep sense of gratitude,” he says. “The scholarships have been meaningful to me, not just financially, but emotionally, knowing that I have done something right.

“That keeps me going and makes me feel honored. At the same time, I want to pay it forward to the next generation of students.

“I love a quote from Jimmy Dean, ‘I can’t change the direction of the wind, but I can adjust my sails to always reach my destination.’

“So I think it’s important to be flexible but know when to focus, do the right thing—even when no one is watching—and keep going. You will succeed.” ■





Ma chats with another student military veteran in the new Veterans Center he helped create: "Now veterans have a place to get together to talk about their stories, where they can relax, decompress, and get support."

Two Donors, One Cause

THE IMPACT of scholarship assistance is profound and life-changing.

Of the nearly 300 new students who enroll at MMA annually, 80% benefit from funding assistance. Financial aid is critical to help MMA bridge an estimated \$600,000 needed in additional scholarship funding this year.

Eddie Ma benefits as a recipient of two scholarships, the Robert S. Walker Regimental and Kirsten J. Friberg Memorial endowed scholarship funds.

Part of the motivation for Bob Walker '53 to create his fund (which had 16 recipients in 2017) is based on his experience as an MMA student. "It was tough," he says. "Part of the reason I came to MMA was because funding for students (which my family could not afford) was subsidized by the federal government, but halfway through school, the funding stopped and a lot of us were left scrambling for money to finish." Walker's father borrowed the funds from a friend, and within months of graduating and going to sea, he says, "I paid him back in full."

Walker started a small ship repair company in Norfolk, Virginia, which grew to several hundred employees, holding a Master Ship Repair Contract with the U.S. Government. He ultimately sold his company (MHI, Inc.) to his

employees. He was also a member of the MMA Board of Trustees for more than seven years.

"If Eddie were sitting here now," Walker says, "I'd want to learn of his plans and what he wants to do. Then I would just give him the encouragement to go do the best you can—and never give up."

Sheila Daniel and her husband, Richard Friberg '61, established a fund in their daughter Kirsten's memory that is the largest in MMA history. Friberg began his career at age 15 as a cabin boy on a Norwegian freighter and retired as a chief mate in 1999. He passed away in November, 2016. After a career as a mathematics teacher and consultant, Daniel leads an active life working with nonprofit groups, and pursuing hobbies and travel.

"I would offer Eddie the following advice, a saying of Richard's father," Daniel notes, "Live beneath your means and between your seams."

For both Walker and Daniel, their endowments are seen as investments where success is "an opportunity for others to better themselves and our country," says Daniel. Walker says, "There's no better feeling—no amount of money you might otherwise earn for your dollars—than knowing you've helped someone progress with their life and career with a work ethic instilled by MMA that is beyond reproach." ■



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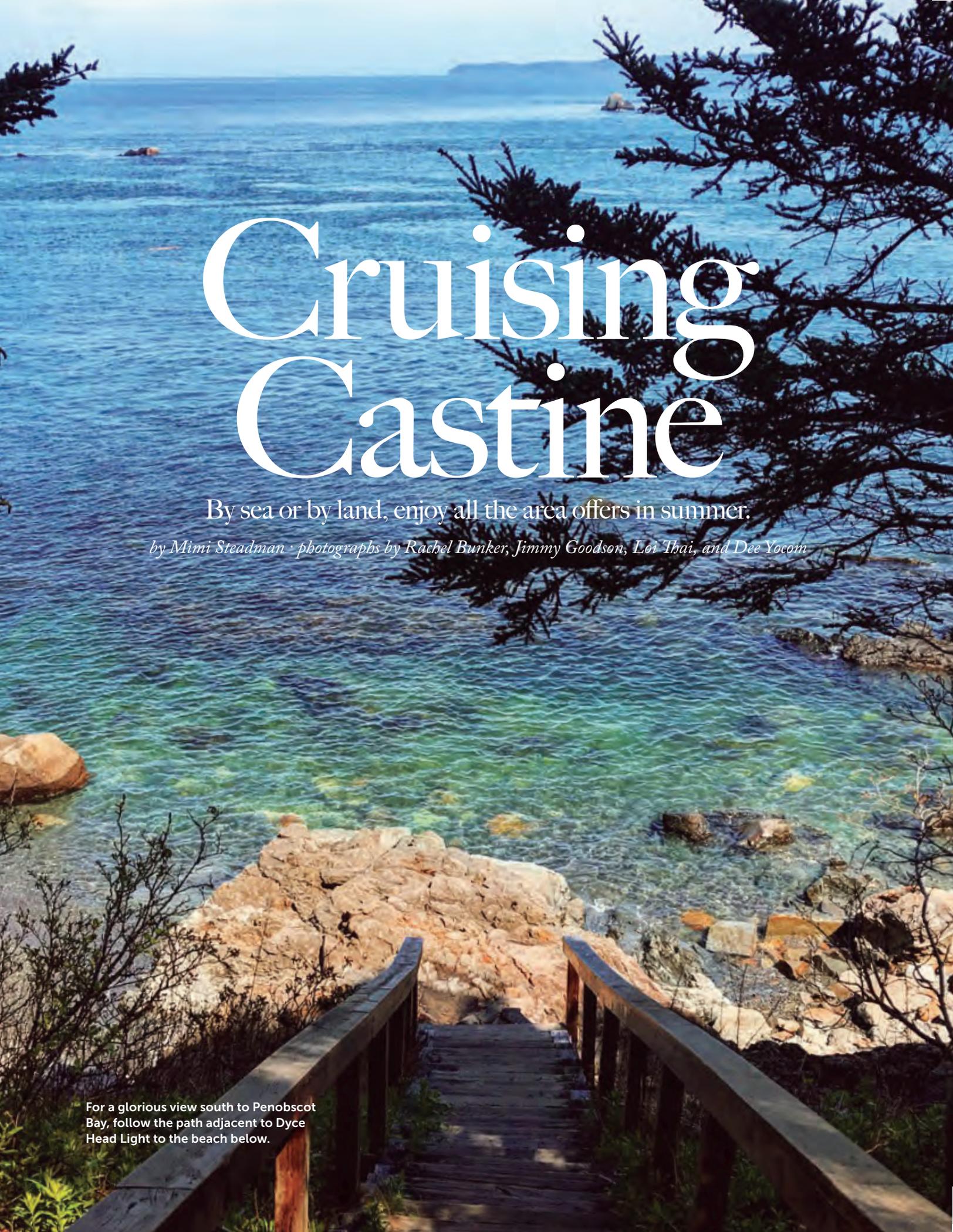
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Cruising Castine

By sea or by land, enjoy all the area offers in summer.

by Mimi Steadman · photographs by Rachel Bunker, Jimmy Goodson, Loi Thai, and Dee Yocom

For a glorious view south to Penobscot Bay, follow the path adjacent to Dyce Head Light to the beach below.



Above: Seafood tops the menu at The Wharf, and there are a half-dozen other options in Castine for dining or take out.

FRED ATKINS '67 SAILED into Castine as a teenager, crewing on a private yacht for the summer. He recalls being smitten immediately. "It's why I went to Maine Maritime," he says. In ensuing years, he and his family have often cruised to Maine from their home in Massachusetts, and they always return to his alma mater. "We tour the campus and see what's new. We use the gym and showers. The kids swim in the pool," Atkins says. Last summer, he even sailed here for his 50th Reunion.

Why not take a leaf out of Atkins' logbook this summer? You'll be sailing in one of the world's most spectacular cruising grounds, with sailing conditions that combine relaxation with excitement. There are plenty of peaceful island anchorages like North Haven's Pulpit Harbor; timeless fishing villages like Port Clyde; and charming towns like Rockland, known for dining, shopping and art. And then there's Castine, steeped in history.

Come by sea or by land. Rekindle your MMA memories and discover a new perspective on your old stomping grounds.

ON THE WATERFRONT

As an alumnus, you're welcome to use an MMA mooring at no charge, whenever available.

Reserve in advance, especially in high season (Derek Chase: 207-326-2364). Unlike moorings, MMA dockage is rarely available. If you must be alongside, contact Eaton's Boatyard (207-326-8579; cash only), which also offers moorings, fuel, repairs, showers and lobsters. The Visitor Center beside the Town Landing has helpful info, plus restrooms (no showers). The harbor is especially busy during the annual Retired Skippers Race (August 18), and the Castine Classic Yacht Race (August 2-3). The latter, plus a Camden-to-Brooklin race (August 3), feed into the Eggemoggin Reach Regatta (August 4), when stunning classics round the marks outside Brooklin.

If you're arriving by land but want to get out on the water, book a sail with Zander Parker '04, who offers several daily trips aboard *Gulldive*, a 1934 William Hand-designed motorsailer (207-701-1421; castinecruises.com).

MEMORY LANE

Touring the campus is a great way to reconnect with MMA. To book a tour, contact the Office of Alumni Relations (207-326-2337; alumni@mma.edu). After *T/S State of Maine* returns from her annual cruise in mid-July, you can also check with the office to learn if on-board tours are available, typically weekdays through mid-August. For info on reunions and Homecoming, contact Alumni Relations as well.



STAY AWHILE

For nostalgia's sake, stay at MMA. Choices range from Curtis Hall dorm rooms (\$60), to Leavitt Hall's hotel-style rooms (\$85-125), to one-bedroom apartments in Graduate Commons (\$125). There's also space for one RV hook-up (Rachael Iannoli: 207-326-2283; rachael.iannoli@mma.edu). The Pentagoet Inn, just up from the harbor, offers charming guest rooms, a pub/wine bar, and fine dining (207-326-8616; pentagoet.com). Across the street at the Castine Inn, guest rooms blend period details with modern amenities. There's also a pub, dining and workout rooms (207-326-4365; castineinn.com). The Manor Inn, a 19th-century shingle-style "cottage" on Battle Avenue, has fireplaces in some of its guest rooms plus a pub and restaurant (207-326-4861; manor-inn.com). Most properties offer free Wi-Fi; it's also available at the MMA library and the town's Witherle Memorial Library.

ON THE MENU

Start the day with a breakfast sandwich, quiche or pastry at MarKel's Bakehouse (formerly Bah's Bakehouse) or a full breakfast at the Castine Inn. MarKel's is a good lunch spot, too, with a chalkboard menu of sandwiches, casseroles and chowders. Castine Variety also offers breakfast, plus lunch options including lobster rolls, sandwiches, soups and ice cream. For pizza and

The Pentagoet Inn was home to the first class of MMA students who are commemorated by a memorial plaque to the "Solid 28" in front of the inn, which now offers charming guest rooms, dining and other amenities.

some pool, drop into Danny Murphy's (formerly The Reef). At The Wharf (formerly Dennett's Wharf) it's all about seafood, though there are a few "turf" items, too. And try Dudley's Refresher at the waterfront (formerly The Breeze). The Manor Inn serves international dishes in its dining room and comfort food in the pub. Dinner at the Pentagoet Inn blends a refined yet unpretentious atmosphere with exceptional cuisine. On Tuesdays, July through September, have a drink on the porch while enjoying live jazz.

BROWSING

Gallery B, on Water Street near the Town Landing, presents a fine selection of paintings, jewelry and crafts. Main Street shops include Compass Rose Bookstore, specializing in maritime subjects and Maine-related books; and a few doors away, C. W. Hooke & Co., satisfies with wines, chocolates and cigars. Lucky Hill stocks kitchen and bath luxuries, plus unusual toys. At the Pentagoet Inn, Bird Song offers fun and vintage-inspired delights. On Battle Street, Adam Gallery showcases colorful oils by Joshua and Susan Parish Adam. Every Thursday morning, the Castine Farmers Market sets up on the Town Common.

OUT & ABOUT

After strolling past grand 18th- and 19th-century homes, walk to Dyce Head Light to enjoy

harbor and bay views (lighthouse closed to the public). Work out or swim at the MMA gym (\$5 daily fee includes showers). At Castine Golf Club (open daily to the public), play tennis (reservations: 207-326-9548) or nine holes of golf (207-326-8844). Nearby, Witherle Woods encompasses 185 wooded acres laced with walking trails, some skirting the sea. The Starr and Virginia Lampson Preserve includes a ¼-mile trail to the Bagaduce River; the Greenbie Natural Area's trail threads 43 acres of fields and woods; and the Rene Henderson Natural Area has two forested trails. The Hatch Cove Preserve offers a picnic spot near the British Canal, and Backshore Beach, on Wadsworth Cove, has a tidal swimming hole.

Across the Castine harbor in Brooksville, the Holbrook Island Sanctuary State Park (on the island and the mainland) is woven with woodland and waterside trails.

For paddle-powered and two-wheeled sightseeing, contact Castine Kayak Adventures (207-866-3506; castinekayak.com), which rents both kayaks and bikes. Its list of guided paddle tours includes an after-dark trip highlighted by bioluminescence swirling around your paddle.

Listed on the National Register of Historic Places, Castine has more than 100 significant historic sites.

CASTINE'S BACKSTORY

From earliest times, Castine's broad harbor drew native peoples to its shores. Beginning in the 1600s, European empire builders fought over its strategic location, and by the early 1800s, the flags of France, Holland, Britain, and finally, the U.S. had flown here. Listed on the National Register of Historic Places, the village has more than 100 historical markers explaining significant sites, including Fort George, the largest British colonial fort in North America. Pick up a historical walking map, available at the Town Landing and elsewhere, or join a free, guided walk offered by the Castine Historical Society on Saturday mornings in July and August. The Society's museum, overlooking the Town Common, chronicles Castine's heritage through exhibits that include one illustrating the British defeat of the ill-fated Penobscot Expedition. From June 11 - October 8, a special exhibition reveals how early-20th-century Castine summer residents Mary W. Dewson and Mary G. Porter, along with other dedicated Castine women, pursued social reform, public service and political power over the past 100 years. The Wilson Museum's collections comprise a mix of exhibits on the natural history and cultures of this region. ■



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Students in the Medical Person in Charge class are training (here in a simulator lab) at the Waldo County General Hospital emergency room in a first-of-its-kind clinical placement.



Hands-On Minds-On

How MMA's unique blend of learning works.

by Billy Sims

Since the opening of Maine Maritime in 1941, the catchphrase hands-on has been used to describe the essence of learning at the academy. The first hardy cadets even made their own desks and installed a furnace in their “free time” to get the school going. They were soon making their way at sea in World War II.

But what does the phrase mean today when graduates compete for jobs on a global basis as technology evolves at lightning speed?

The examples defining this form of experiential learning and its value span every MMA department.

EMERGENCY ROOM REAL TIME

To start, there's the latest development in the Arts & Sciences class, Medical Person in Charge, taught by Assistant Professor Jeff Boal.

At the beginning of each semester, he shows a PowerPoint presentation on medical procedures to be learned in the weeks ahead. Most of the students casually watch and take notes.

After only a few slides, though, Boal shows a video taken from a U.S. Coast Guard medevac helicopter in the process of evacuating a crew member — a recent MMA student—from a ship off the coast of Alaska.

All eyes in the class focus on the screen. The video is brief, and Boal notes the crewman recovered physically after receiving shoreside treatment. Yet, it leaves a deep impression.

“It hammers home the reality of what they are learning,” Boal says.

“I tell them, ‘All of these things I’m talking to you about, they are real, and your response needs to be decisive and real.’”

To enhance his students’ abilities, Boal recently arranged a formal clinical placement agreement with Waldo County General Hospital in Belfast, Maine to allow students to work and learn alongside medical professionals in the facility’s emergency room. This is a first clinical learning experience of its kind related to maritime academy education in the United States.

“Based on my own experience,” Boal says, “I wasn’t able to competently perform procedures until I actually had the opportunity to do them on patients; that’s the standard in emergency medicine. It’s not just the education, but the ability to perform.” (Boal received the MMA 2017 Excellence in Teaching Award, which is earned through nominations by both current students and alumni.)

FLOATING CLASSROOMS

Designed to develop practical skills, *sea time*—including training cruises, cadet shipping and vessel operations—is the most prominent hands-on, minds-on experience students acquire that bridges degree programs, such as engineering technology and operations, and marine transportation.

And among all the classrooms at MMA, none stands so unique as the *TS State of Maine* (TSSOM), recently returned from a six-month dry dock refurbishing and now being prepared for its annual summer cruise (see *Ready to Cruise*, pg. 10).

While at the waterfront, the ship is used for training, from watchstanding, fire and lifeboat training to ship familiarity and maintenance. Come May, TSSOM will depart for its annual training cruise with some 300 freshmen and junior midshipmen who will bring what they've learned ashore, be it in the bridge simulator or the navigation lab, as they come aboard for one of their ultimate hands-on experiences.

“When they pass from the gray-green water of the Gulf of Maine into the Gulf Stream where it turns deep indigo blue, the cruise really takes hold of the students’ interest and sense of the bigger world,” says Capt. Leslie Eadie, associate professor and Master of TSSOM, “that, and the first storm, where it can become hard to teach when your whole class is sliding back and forth across the deck.”

No matter, the work must be done, whether it's navigating through heavy traffic in the Straits of Gibraltar or cleaning the head.

Back at the Castine waterfront, the schooner *Bowdoin* departs each summer for annual cruises that offer the most elemental hands-on experience at sea. There's plenty to be learned from sailing a gaff rigger to windward. (This summer *Bowdoin* is



Hands-on training: (below) student squaring away rigging line aboard *Bowdoin*; (above) student doing maintenance work aboard Capt. Susan J. Clark; (right) collecting sediment samples aboard *R/V Friendship*.



bound for ports from Cape Cod to Newfoundland.) And, among nearly 60 other MMA vessels, the tug *Pentagoet* grooms a deft touch at maneuvering other vessels and the *R/V Friendship* at handling state-of-the-art research equipment.

VALUED ASSIGNMENTS

Cooperative education is another proven way to combine classroom-based education with practical work experience. The model works because the education is relevant, the experience is real, and it often leads to job offers.

Introduced in 1967, Cadet Shipping became MMA's initial version of cooperative education. This innovation is unlike the traditional training cruise for unlimited license candidates as it places students on working vessels in the merchant fleet for “on-the-job” experience.

“As a retired professional mariner,” notes William Mahoney '56, “I can say, as I have for years, Cadet Shipping is the most important program in the MMA curriculum for the future Mariner. Nothing else compares to the value of these assignments.”

Due to their success, co-op experiences are incorporated into the majority of MMA programs that have been added to the curricula over the years. In addition to more than 120 cadet shipping billets, there are industrial co-ops for Marine Systems Engineering, Power Engineering, Vessel Operations and Technology and International Business and Logistics positions.

“We are no longer just the Cadet Shipping Office,” says Capt. Joe Curtis '97, Director of Career Services and Cooperative Education. The department's latest initiative, *Your Career Starts Now!*, involves working with first- and second-year students to develop business soft skills, such as resume writing, interviewing and networking.



CRUISE TOWARD CAREER

Sally Jarmusz, a junior, class of 2019, studying Marine Science and Small Vessel Operations, used all these skills and her passion for boats and the ocean to obtain an internship aboard one of the world's premier, high-tech research vessels, the Schmidt Ocean Institute's R/V *Falkor*, in a recent trans cruise in the South Pacific.

"Studying Marine Science and Small Vessel Operations is the best of both worlds for me," she says, "as I get to pursue both science and boating through incredible hands-on opportunities.

"I want my career to combine these two disciplines, so when I looked for internships, I was drawn to working on research vessels. I learned from Julianna Diehl '17 about her experience aboard the *Falkor*, and I knew I had to apply!" Jarmusz was accepted and boarded the ship in December for a 20-day portion of a cruise with the mission of mapping the Ellice Basin near the Phoenix Islands Protected Area.

"I assisted the marine technicians, which primarily consisted of operating *Falkor*'s multibeam sonar and processing data," she says. "The majority of my watches were spent in the Science Control Room, monitoring the sonar, cleaning the resulting data using a software called QPS Qimera, and even getting to make a 3-D fly-through video of the compiled data from the cruise. I also launched XBTs (expendable bathythermographs) that calculate seafloor depth to assist the sonar operations."

The most valuable experience for Jarmusz was learning from and assisting the marine technicians. "Their dedication is incredibly inspiring, and having this opportunity to learn from them has driven me forward to pursue my dream of one day working on a research ship."

As scientists in training, Ocean Studies students, such as Jarmusz, make observations in the field and in the lab, dive deep into the scientific literature and collect the data they need to answer the questions they have about the world. Because of the unique nature of MMA, they have a pallet of tools available to them that are typically beyond the reach of undergraduate students: a dedicated research vessel (*Friendship*), a fleet of small boats, oceanographic equipment, a flowing sea water wet lab, a scientific diving curriculum, and close faculty mentorship.

POWER ENGINEERING PROCESS

Most MMA degree programs, such as Power Engineering, offer a blend of hands-on, minds-on experiences to challenge and engage students, and ultimately help them develop skill sets sought after by employers.

The Power Engineering Technology (PET) major

Jarmusz interned aboard one of the world's premier research vessels in a South Pacific mapping project.

is built off the programs leading to an unlimited marine license and incorporates on-campus and shore-side field experience activities as part of the required curriculum.

"This includes labs where PET students are often beside their marine program peers," says Professor Mark Coté, Power Engineering Coordinator, "but also simulated power plant operations laboratories using industry-standard simulators, and two summer cooperative education experiences at operating industrial facilities."

When the Power Engineering Operations (PEO) program was added in 2010, it included additional hands-on experience, requiring that students complete two semesters in the Machine Tool Laboratory, participate in ship's maintenance during the academic year, and complete the full MMA fire-fighting program.

THEORY INTO PRACTICE

Marine engineering degree programs also take advantage of complementary labs and co-op experiences but provide additional twists of their own that make them among the most highly regarded courses of study at MMA.

"The Marine Systems Engineering (MSE) program is set apart from the engineering technology and operations degrees in a couple of ways," says Associate Professor Doug Read. "First, MSE students have land-based industry internships. Five-year students (who acquire a Coast Guard license) have one, and four-year students (non-license track) have two.

"Second, the MSE capstone is frequently tied to new and ongoing funded research projects from MMA faculty," says Read. "The capstone is certainly a hands-on experience, as students have to build and test something"

Recent projects include: biofuel and diesel fuel additives; diesel fuel emissions testing and lab equipment design; thermo-electric material production and testing; and a trimaran fishing vessel model testing and design.

And MSE students gain the same hands-on

Applied Technology Labs

Operating Marina
Travel Lift
Steam Power Plant Lab
Diesel Power Lab
Visual Bridge Simulator
Planetarium
Saltwater Aquaria and Wetlab
Liquid Cargo Simulator
Welding Lab
Professional Machine Shop

Marine Equipment Lab
Marine Science Labs
Cell Biology Lab
Power Plant Simulation Labs
Computer Aided Design Lab
Electrical Fluids Labs
Electronic Navigation Lab
Refrigeration Lab
Power Equipment Lab
Engineering Science Lab

experience as the Marine Engineering Technology and Marine Engineering Operations students, says Read. “They take machine tool and welding, and all the same labs—thermo-fluids, fluid power, power equipment, and others.” They also participate in *State Of Maine* training cruises and, for the license track students, cadet shipping.

“Many engineering programs focus on theory,” Read says. “Ours have both the hands-on and the theoretical classroom experience, which makes them unique from, say, a traditional mechanical engineering program.”

The versatility gained from MMA programs has landed marine engineering graduates in jobs, ranging from design firms and shipyards, such as Bath Iron Works and Portsmouth Naval Shipyard, to innovators in renewable and alternative energy, such as NextEra Energy and Tesla.

BUSINESS SCHOOL'S SUCCESS

“Every company operates a supply chain,” says Donald Maier, Dean of the Loeb Sullivan School of International Business and Logistics (IBL). “That creates demand for our students and provides them opportunities for related experience and work in industries around the U.S. and globally, even early in their course of studies.

“We begin the hands-on experience with freshmen in our Introduction to Supply Chain course,” Maier says. “The subject matter culminates in a final semester group project in which students research a product’s supply chain, from the earth (raw materials) to the shelf (finished goods). That project is referenced throughout the next four years.” Each semester thereafter builds on this experience through more group projects.

In his freight transportation course, Assistant Professor Kirk Langford trains sophomores to use MercuryGate, Transportation Management Systems (TMS) software. Students earn a TMS Certificate, another bullet point to their resumes. Other examples include students working in the new Logistics Operations Center, analyzing “big data” and simulating a manufacturing process.

“Companies want employees and leaders like our students who think critically and solve problems in practical ways.”

Graduate students participate in an experiential field experience visiting a particular region. They recently traveled to Port Canaveral, Florida and met with multiple MMA alumni, including Capt. Jim Murray, CEO of Port Canaveral.

The experience also adds value since all graduate students become certified Maritime Port Executives through the International Association of Maritime Port Executives (IAMPE).

“Our on-campus graduate students also complete a Live Case-Study,” Maier says. “Unlike hypothetical paper cases, a problem statement is developed between faculty and an actual client facing a real business situation. Students collaborate to develop either a marketing or strategic plan for the client.”

This capstone project is completed in six weeks versus a traditional 14-week semester on strategy. Some of the organizations IBL has worked with include Cianbro, Bangor International Airport, Hinckley Yacht, and MITC/Maine Port Authority.

SKILLS IN DEMAND

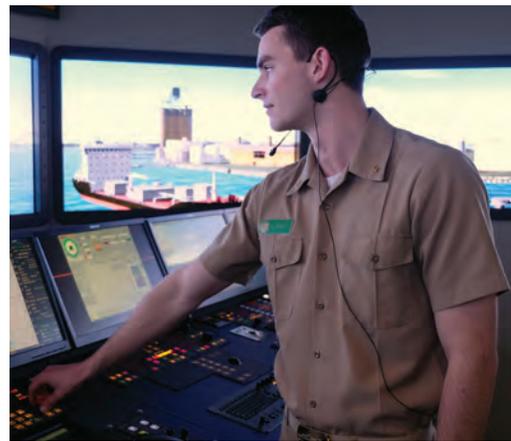
The programs cited in this article are among many at MMA that involve hands-on, minds-on learning through activities that engage students’ physical as well as mental skills, often in real-world situations and scenarios.

It’s what makes the academy a unique learning environment, has led to MMA’s ranking as one of the top public colleges in America, and creates a can-do spirit in graduates of which many companies are in need.

“Companies want people who can do more than just work-related tasks,” Maier says. “They want employees and leaders like our students who think critically and solve problems in practical ways.”

For MMA students, the future is in their hands and minds. ■

■ See videos of Hands-On Learning in MMA’s unique Medical Person in Charge class, and a 360° view of the Bridge Simulator: mariner.mainemaritime.edu





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John Scott Webb, Esq. '83E

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Alumni News



Westbury, New York
Philadelphia, Pennsylvania
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MMA Brought “Up Close”

JEFF WRIGHT, DIRECTOR of the Office of Alumni Relations, visited alumni in selected East Coast locations between March 5–8, 2018. The purpose of each Up Close visit was to network, inform and share the compelling story of change, growth and success at MMA.

Presentations were made in Westbury, New York; Philadelphia, Pennsylvania; Baltimore, Maryland; and Virginia Beach, Virginia. Sixty-six people attended in total. Jeff’s presentation highlighted academy statistics, recent renovations, and upcoming initiatives, including the latest news on the Center for Professional Mariner Development.

“It was exciting to visit these areas, be introduced to a number of alumni and reunite with those whom I remember as students. They are very proud of their alma mater, and interested in its successes, as well as its challenges,” Wright said. “All were eager to assist wherever they can and happy we visited.”

“Thanks for the presentation and alumni get together in Philly. It is always

great to run into alumni, hear sea stories, and, of course, enjoy a few beers. I hope you had success in Baltimore and Virginia Beach, and are now enjoying the snow in Castine again. I have enjoyed running into alumni all over the world.” — Steve Schrader ’79.

“This is the first such Alumni Affairs event I’ve attended, and I am very pleased I went. Very impressive, all that has happened and continues to evolve at MMA in the years since I graduated. My son will be entering a much improved school this fall from the one I arrived at in 1986! It was fun too catching up with guys I knew in school; I had no idea until last night’s meeting there were so many of us here in Tidewater.” — Carl Welborn ’90

John Fairbanks ’52 (VA) represented the earliest graduate to attend the sessions while Rachel Jondle (VA), Brad DeLawder (PA), and Sam Peabody (PA) were the most recent graduates (2016). Wall of Honor recipient Adm. Mark Whitney ’84 attended the Virginia presentation. MMA Alumni Association Board of Directors

SAVE THE DATE

75th MMA Commencement

May 5, 2018 | 11:00 am
MMA Field House
Speaker: Rear Admiral Mark H. Buzby, USN Ret., U.S. Maritime Administrator

Pen Bay Alumni Chapter Meeting

May 15, 2018 | 5:30–8:30 PM
Eclipse Restaurant, Rockland
Guest Speaker: Brian Curtis ’81

National Maritime Day

May 22, 2018

Class of 1973 Summer Reunion

June 25–27, 2018
Maine Maritime Academy
Contact: Karen Cukierski
karen.cukierski@mma.edu

Class of 1968 Summer Reunion

August 6–8, 2018
Maine Maritime Academy
Contact: Karen Cukierski
karen.cukierski@mma.edu

MMA Homecoming 2018

September 28–30, 2018
For a detailed list of events, from the Alumni Golf Classic and Alumni Reception to harbor tours and one aboard *Bowdoin*, see mainemaritime.edu/mariner.

ALUMNI NEWS

member (student) Maryelln Musselman '20 joined the presentation in Baltimore. The Class of 2005 was represented by the most alumni: Phil Lessard (MD), Steve Case, Jim Jeffcoat, Nate Powers and Mark Stines (VA).

Wright plans to expand offerings in the future. To host an Up Close event, contact Alumni Relations: 207-326-2337 or alumni@mma.edu. ■



SHARING SEA & LIFE STORIES

THE CLASS AGENT PROGRAM has propelled great interaction and fun among MMA alumni, engaging classmates in a number of ways.

In response to the request from Jerry Gotlieb '61 for classmates to share their work experiences and images, past and present, Robert P. (Bob) Sullivan '61 sent a log of his shipping experiences that included a photo (shown above) of SS *Executor*, on which he served as assistant engineer, hard aground in Charleston Harbor that “took 13 tugs to unground us!”

The essence of the strong, lifelong relationships forged at MMA may have been best expressed by Capt. Curt Nehring '71 to his classmates:

“I marvel at what many of you have accomplished. We all came together in the small village of Castine, and a few years later, struck off on divergent paths. Some chose the long traveled trail but added their own twist, leaving their own mark on the trail. Others blazed new paths, setting marks many would not have thought possible of a MMA grad. Yet at the hub of all these roads, Castine remains the center, the common area where we can congregate and tell the old stories, some embellished and some not needing embellishment. I am so impressed. You are amazing and I have never been more proud to be associated with any group.”

Well said, Captain. In some way, this sentiment may apply to every class. We encourage all agents to forward their class experiences to Alumni Relations. ■

“
I marvel at
what many of
you have
accomplished.
...at the hub
of all these
roads, Castine
remains the
center...
”

MMA ALUMNI ASSOCIATION CHAPTERS

BANGOR SEA DOGS
John Burns III '85
51 Ash Lane
Hermon, ME 04401
207-973-1201
john.burns@dynegy.com

BAY STATE
Samuel Rowe '65
195 Eagle Drive
Mashpee, MA 02649
508-539-2395
skidrowe42@verizon.net

CASCO BAY
Pat Zrioka '87
207-514-0128
patrick.zrioka@fwwebb.com

CONNECTICUT
Rich Slack '93
32 Joy Lane
Uncasville, CT 06382
860-861-1762
rslack@gdeb.com

DELAWARE VALLEY
Capt. John Gazzola '82
543 West Centre Street
Woodbury, NJ 08096
215-870-7771
captaingazzola@gmail.com

FLORIDA
David Knapp '86
5008 Longfellow Avenue
Tampa, FL 33629
813-295-0484
drknapp@tecoenergy.com

KENNEBEC VALLEY
Jon Fortier '86
5 West Baker Street
Winslow, ME 04901
207-649-2724
jon.fortier@gmail.com

NED ANDREWS
Alton Leeman '92
12 Steamboat Road
Bailey Island, ME 04003
al.leeman@gdbiw.com

NORTHERN CALIFORNIA
Michael Chambers '80
2233 21st Street
San Francisco, CA 94116
mcham31153@aol.com

PANAMA CANAL
Juan Molino '89
jemolino@gmail.com

PENOBSCOT BAY
Lindsey Pinkham '04
111 Greenwood Avenue
Warren, ME 04864
207-380-4661
lindsey@midcoastfirstaid.com

PUGET SOUND
Minh Harriman '90
281-639-8535
mth99_99@yahoo.com

SEACOAST
Mike Grigware '87
30 Riverview Drive
Biddeford, ME 04005
207-284-8630
mikegrigware@gmail.com

SOUTHEAST
Norman Laskay '62
5848 Catina Street
New Orleans, LA 70124
504-382-6023
nlaskay@portlite.com

SOUTHEAST ATLANTIC
Capt. Jay Stewart '00
843-296-7732
sandbarunner@knology.net

SOUTHERN CALIFORNIA
Ralph Staples '71
299 OakValley Lane
Escondido, CA 92027
619-733-1942
rstaples@epsilonsystems.com

TEXAS
Sherri Hickman '85
713-705-4316
captainsheen@msn.com

TIDEWATER
Chip Callan '88
1600 River Rock Reach
Chesapeake, VA 23321
757-673-6157
jcallan@invictusassoc.com

WASHINGTON, DC
Andrew Strosahl '05
202-407-1257
astrosahl@trans-inst.org

Class Notes

MARINERS: Stay in Touch

Share what you're doing with fellow alumni. Tell us about your life, your latest achievements. Photos welcome. Include your class year and contact information and send to: mariner@mma.edu.

1944



Lynwood Harivel class of '44 shown on the right (94 years old) is a full-time Jupiter, Florida resident.

He is enjoying his annual visit from Leonard T. Daley (who is 93) when they reminisce about the good old days. Harivel and his wife Pat are down for the winter in Jensen Beach, Florida from Maine.

1956



Peter Smallidge '56 took a trip to the Raye's Mustard Factory in Eastport, Maine and stopped in to pick up Dale Lincoln '57 who went along for the tour.

"On the way back through," Smallidge writes, "we stopped at the 45th Parallel for a photo op before enjoying a nice lunch."

"We had a great visit with Dale and his wife."

1964



Perry Mattson and his wife, Pearl, have participated in the escort for The Wreaths Across America convoy from Maine to Arlington National Cemetery in 2016 and 2017. He sends the photo above, which is from the 2017 convoy when 275,000 wreaths were placed on the graves of America's Heroes.

"Our convoy Grand Marshalls were Colonel Roger Donlon and his wife Norma," Mattson writes. "Roger was the first Congressional Medal of Honor recipient from the Vietnam War. Norma is a Gold Star Wife, as she lost her first husband in the Vietnam War."

"It has been an honor and a privilege to be part of this patriotic and sacred mission."

1965



Paul Wurschy writes, "My wife Marieta and I relocated from Houston, Texas a little over one year ago to Ericeira, Portugal for our 'Golden Years.' I first experienced Portugal during a *State of Maine* visit to Lisbon as a midshipman back in 1963 and fell in love with the country, its people and down to earth living style ever since. Ericeira is a small city of about 50,000 people located directly on

the Atlantic Ocean about 45 minutes north of the Lisbon airport. (If I look hard from my balcony, Penobscot Bay is just over the horizon.) In the last several years it's been THE destination for the surfing world in Europe--something I'll take up in my next life--but I do enjoy paddleboarding as well as sailing! We would love to be visited by fellow MMA'ers whenever business or pleasure brings you to Lisbon, so drop us an e-mail at pkwurschy@earthlink.net or telephone (011) 351-261-090395 to let us know you're coming.

1969

The senior management team at The Cianbro Companies announced that the organization's Board of Directors appointed Peter "Andi" Vigue as Chief Executive Officer, effective January 1, 2018. Longtime Chairman and CEO Peter Vigue will continue to serve as Chairman of The Cianbro Companies while also devoting time to the Cianbro Development Corporation.

1971



Bill Moss of Marlton, New Jersey shared with classmates the *Bangor Daily News* photo of the 117 graduates from the Class of 1971.

1971

Karsten Reinemo writes "I really enjoyed reading about all my classmates in the December Class Agent Holiday message. "After four great years with

some real great guys, it was on to Mobil for a few years and then the Nantucket Steamship Authority, piloting my way to this great little island 30 miles at sea. Then a big change: 180 degrees! Twelve years at ACK airport (air traffic controller) and I married my lovely wife Julie, and we have two boys (35 and 37) and three grandchildren. My son, Tim, and I own Nantucket Moorings, a nifty little business with a barge, several workboats and four employees. Matt (the older boy) an attorney, is much happier running his charter fishing boat and owns a fishing tackle shop. Julie spends her time taking care of some real estate investments, working at the tackle shop and spending time with her grandchildren. I am awestruck with the success and awesome careers that all my classmates have achieved. Everyone has done exceptionally well. All you guys, give me a ring (508-228-7724). Come to the island next summer. We can catch a few fish and play a round of golf."

1971

Robert Hussey retired from shipping in 2002 after nearly 32 years. Then he went to work as a sub-contractor for ExxonMobil at their port facilities in Everett, MA and Providence, RI for 15 years as a Pollution/Safety Adviser on the ships or as a Person in Charge on the dock. He now volunteers at the New Bedford Whaling Museum, doing logbook transcription and various other projects.

1971

Tom Noble, Sr. is founder and chairman of Noble Supply and Logistics, a 300-person worldwide supply chain provider for the Federal Government, both International and Do-



ENTREPRENEUR

A Bit of a Revolutionary

NO MATTER WHERE IN THE WORLD you travel, it's often said, you'll likely run into an MMA graduate. High on the list of people you may meet is Ed Scott '89.

Scott is the Chief Operating Officer of Excelebrate Energy, which has pioneered unique LNG importation projects. He was instrumental in shaping the company into its present model that utilizes self-contained ships (or FSRUs), which serve as terminals to receive and store LNG and then regasify and inject it into distribution networks as a high pressure natural gas. This eliminates the need for traditional LNG import facilities in many places in the world, saving time and significantly reducing capital costs. Projects range from Brazil and Argentina to Dubai, Abu Dhabi, Pakistan, Israel, and the latest project in Bangladesh.

Scott has a lot of frequent flyer miles.

"Having grown up around the world in a service family," he says, "the possibility of continuing to travel and see more of it

was a big appeal when I enrolled at Maine Maritime. There was a 'village' of mentors who helped me along, including Coach Morse, Dick Youcis, Paul Mercer, Len Tyler and dozens of others."

Upon graduation with a marine engineering degree, his early career included sailing with Texaco, then working as a mechanical inspector for shipyard construction projects under the tutelage of MMA classmates Tom Norton and Dana Grant. This work led to bigger roles in different parts of the industry.

"The saying 'Luck is what happens when preparation meets opportunity,' is a resoundingly true statement," Scott notes. "I was available at just the right moment when the idea, the basis of our company, gained traction and I had the good fortune to join the design and construction team for the vessels and other infrastructure which formed the foundation of Excelebrate Energy in 2002.

"None of that would have been possible

without the experience and knowledge gained in the completion of a number of highly technical and commercially complex global projects in the preceding years of my career," he says.

"In the intervening 15 years, I have overseen our engineering, business development, and now, overall operations, and been part of growing a company into a fully mature and successful, by any metric, enterprise that operates on a global scale."

"Every place we go," he says, "we're displacing more expensive, much less environmentally friendly fuel to power generation from natural gas. It's been a bit of a revolution in the industry and fascinating to be part of."

As for how MMA shaped his future: "I'm not alone in saying it was many years after graduating before I truly began to understand the unique experience MMA provided and really appreciate its impact on my life." ■

mestic. Additionally, they have 29 Industrial Supply stores on military bases throughout this country, Japan, Guam and Hawaii, providing MRO supplies to our servicemen and women to help maintain all their facilities.

1971

Mitch Walker retired June 1, 2017 but is still on retainer and consulting for Tote Services. He and his wife Kathy live in Saint Augustine, Florida during winter months (at World Golf Village) and in Maine at Sab-bathday Lake (New Gloucester) during the summer.

1971

Kevin Gildart has been retired for seven years, spent 38 years at Bath Iron Works, and a couple of places before that.

"I love retirement" he writes, "lots of time with the four grandkids, and lots of golf. I work at the golf course one day a week. I took up cooking when I retired; so when they are busy, I cook at Maria's Restaurant in Portland and tend bar on busy nights. Janet and I do some traveling and own property in the U.S. Virgin Islands. We got a direct hit from both Irma and Maria in September."

1971

Lawrence Cahill worked in Afghanistan, project managing the extension of a special forces base. He did security up-grades at government facilities worldwide.

"Retired now, but hating it."

1972

Chuck Heath is currently COO of DP World, responsible for development and operation of all logistics services, economic zones and inland container depots worldwide. DP World is the world's third largest port operator with 78 terminals in 44 countries.

Heath and his wife have lived in Dubai since 1981, and have 3 children and 7 grandchildren.

1974

Kevin Meagher is living in Swampscott, Massachusetts, and is a ferry captain for Boston Harbor Cruises.

1975

Steve Gumpel is consulting in the maritime new construction industry with his own company, Palmer Neck LLC.

His current project has him working alongside Brian Owens '77 in Orange, Texas, building the pioneering first of a kind, LNG Bunker Barge, which will be used to supply fuel to TOTE's new dual-fuel NASS-CO-built container ships out of Jacksonville.

Gumpel met up with David Kendall '75 on the Texas coast with his wife, Cyndy.

"We clinked a few glasses together and planned our retirements, which are still a little out of reach."

1979

Charles Schuster and his wife Betty are living in Middle Island, New York.

Charles is a Registered Nurse at St. Charles Hospital.

1979

Capt. Mike Donovan, Wimauma, Florida is "still sailing after all these years" for Keystone Shipping Company, sharing sea time with Danny Shorty '75, Cal Chapman '75, Phil Lessard '05, and others.

1981

Capt. Peter Petrelis, USN (Ret) '81 recently retired after 30 years in the federal government, first with the National Geospatial Intelligence Agency, then with the U.S. Maritime Administration (MARAD) for 25 years. He worked with MARAD's Ready Reserve Force (RRF) program then was assigned to the Joint Chiefs of Staff Logistics Directorate (J4), the Pentagon, as MARAD's liaison. Prior to government service he actively sailed in the merchant marine. Petrelis and his wife, Marie, have relocated to Florida's

Autonomous Ships



THERE'S MUCH BUZZ ABOUT AUTONOMOUS SHIPS.

Rolls-Royce, for example, has revealed concept designs for such a ship, shown above, that could be managed remotely from a control center. In response to queries by alumni, Capt. Robert H. Pouch '62, NYNM/USNR (Ret.) and former President and Chairman of Barber Steamship Lines/Barber Ship Management, Inc., prepared the following brief:

As with any major new concept, there are obstacles to the introduction of this type of system. Here are the challenges:

We have all read about the Norwegian company [Massterly] that wants to place such a system on board a newly built coastal bulk carrier to be operational in 2020. However, no such equipment is apparently built, installed or approved by a classification agency or governmental authority.

Within these parameters, the basic challenges are:

- Hacking is a large risk and its analysis is a major issue.
- Labor union acceptance
- Marine insurer approval
- USCG/Class Society Approval
- IMO acceptance
- Prevention and/or management of on-board casualties while under way if limited crew is aboard
- Fire
- Contaminated fuel
- Stowage/shifting cargo
- Stability
- Failure of steering gear or other fundamental operational equipment
- Control system monitoring
- Command and control issues arising between shipboard control system and remote control shore based system

Timeline to bring a development project to market:

- Ship and electronic autonomous system and design architecture for shipboard and shoreside components: minimum two years
- Certification of operator, testing and training: one year
- Regulatory approvals: one year
- Under way audit/testing of prototype installation: one year
- Total implementation time: five years ■

SEA STORIES

Fire Onboard!

I WAS CAPTAIN of the Hopper Dredge *Stuyvesant* in February, 2005, working from Fernandina Beach, Florida near a submarine base where we were clearing a channel. It was 20:30 when my phone rang and Chief Mate John Schieferstein '99 says, "We have a problem in the engine room and need to take the starboard engine down."

"Any traffic?" I asked.

"Nope, just Right whales spotted, so we're only doing about five knots."

"Okay, I'll be right up."

At 20:51, I remember it exactly, the front of the wheelhouse suddenly became engulfed in smoke. I turned to John and said, "We have a fire in the engine room, sound the general alarm, right now." (Exhaust ports for the engine room were forward of the wheelhouse.)

Just as he sounded the alarm, the whole ship shook, like we had run aground. Then, the ship went black; there was no power.

What I didn't know at that moment was that the starboard main engine crankcase exploded. There were three men in the engine room at the time. The first assistant was 15 feet away from the engine when it exploded. The whole front of the engine, which was 12 feet high and weighed several tons, blew off. If he had been a few feet to starboard it would have crushed him.

We were drifting with no power, no idea what was going on. I went down to the emergency gear locker, and the two teams were fully dressed in their turnout gear. The chief steward was mustering the remaining crew. The only two missing were in the engine room, which included Chief Engineer Will Childs '94.

Will is one of the best engineers you'll ever come across. He knew that engine room so well, with only a cloth over his face, in zero visibility and all the smoke, he found the water hose and put the fire out before the fire crew arrived.

Thank God; just two days before, he and I were doing a walk-around, he pointed out the bilges were oily and dirty, and had the men clean them. If that

hadn't been done, things could have been a lot worse. As it turned out, there were no injuries.

Will got the port engine running and we made our way to a dock in Georgia. The next day, the Coast Guard came calling and we went through the whole incident, my documents, policies and procedures, which I had covered in a quick cheat sheet I learned to do at MMA. Fact is, there was a lot of MMA knowledge that came into play during the incident—the importance of drills, knowing the ship, its systems, and your workspace like the back of your hand, right down to having a flashlight and knife with you, always.

Everybody stepped up that night, and that I will never forget. ■

—BY CAPT. STEVEN S. PELLEGRINO '93



Treasure Coast and are focusing on community service.

1984

Dan Lorenz and his wife, Linda, downsized a year ago "to take some time to see where we want to end up." They are living in Old Town Alexandria, Virginia for now. Lorenz is a manpower and financial consultant for Concept Analysis and Integration in Arlington, Virginia.

1985

In January, Doug Herling '85 was named President/CEO of Central Maine Power Company. Herling joined CMP after graduating from MMA and has held various executive positions within the company over the years.

1987 & 1988

Hugh Tillman '87 and Dave Heronimus '88 met up in Bagram, Afghanistan this winter. Both are flying King Airs, conducting intelligence and reconnaissance missions against Taliban and ISIS insurgent targets.

1990 & 1991

The November 2017 *Seapower* magazine (seapowermagazine.org) quoted Capt. Eric King '90 as Port Commander, U.S. Coast Guard sector San Juan and Capt. Holly Najarian '91, Port Commander, U.S. Coast Guard sector St. Petersburg, following the 2017 hurricane season.

1994



Class of '94 guys at the Patriots game versus the Chargers. From left: Tucker Lehigh, Mike Cook, Tony Costigan, Jim Dimillo and Kris Toth. It was a great time catching up and remembering the good old days.

1999



Wes Pooler was named Engineer of the Year by the New England Healthcare Engineers Society on September 25, 2017 at their annual conference. The award recognizes a member who distinguishes himself/herself in service to the Society and to the healthcare engineering profession. In photo, at left is Alison Brisson, NEHES President presenting the award to Pooler. For the past six years, Pooler served as Director of Facilities Management at the University of Vermont Medical Center in Burlington, Vermont.

2000 & 2001



CDR Matt Cegelske '01 and Nathan Hall '00 were on campus recently as speakers during the Maritime Leadership Conference held March 16-18.

2004 et al.



Rob Kalloch '04 sent along photos and notes from Operation Deep Freeze (ODF) 2018, the yearly re-supply mission of McMurdo Station, Antarctica. Three MMA Alumni (including Kalloch) held key positions during this year's operation: Capt. Tim Arey '03, M/V *Ocean Giant*, Chief Engineer Jim Cook '06, M/T *Maersk Peary*, and LCDR Rob Kalloch '04, Executive Officer, Navy Cargo Handling Battalion ONE.

ODF is critical for those who live and work in Antarctica, which places high emphasis on successful and timely navigation, transit, efficient cargo handling, mechanically sound equipment and engineering operations.

2006 & 2008

Vernon '06 and Jenna (Algee) Giguere '08 celebrated their five year anniversary recently. Jenna works as Deputy Chief of Legal Services for the Rhode Island Department of Business Regulation. She is also involved in pro bono work with incarcerated women. Vernon is working as an IT Project Manager at CVS Health. The couple recently moved to Coventry, Rhode Island, where they live with their rescue dog, Sadie.

2011

Charlene Hipsky is sailing as second mate with OSG. Hipsky lives in East Hampton, Connecticut.

2011

Katherine Rovinski is a lieutenant in the U.S. Navy, living in Langley, Washington.

2012

Dr. Kayley Rodriguez is living in Creve Coeur, Missouri where she is a staff veterinarian at the Animal Medical Center of Mid America.

2016



Gabrielle Wells '16 aboard SeaRiver Marine's *SR American Progress*, on which she is Third Mate. Wells captioned the photo: "The *American Progress* has an 'unmanned' bridge. Shown from right in the red shirt is Second Mate Bianca Cowan from Texas A&M. Next is me. Then, Diandra White, also a third mate from Texas A&M class of '15. Next is Penny Joule who is AB. Lastly, is Kerri Ann Kelly, Chief Mate from Massachusetts Maritime. Although this picture is rare to find on a ship, I have been told this hasn't been the first time that SeaRiver has had this many women at one time on one of their vessels."

2017



Brady MacLeod '17 and Rich Collenburg '07 shown during a one revolution inspection and timing the fuel injectors and exhaust valves on a 645 series EMD on the *Christine McAllister* for McAllister Towing, currently in San Juan, Puerto Rico.



FIRST-PERSON

Noting the Lives of Others

I GRADUATED FROM MAINE Maritime Academy in 1966 with a degree in marine engineering. When I graduated, every engineer had at least three job offers because it was during the Vietnam era and they had more ships than personnel to man them.

I went to sea for about four years as an engineer for American Export-Isbrandtsen Lines. Then I worked as an operator at Maine Yankee nuclear plant, and from there to General Electric in various engineering jobs for almost 30 years until I retired.

Currently I live in Oaks, Pennsylvania with my wife of 50 years, Jean. Our kids are grown. I was involved in the volunteer fire company for a number of years, and Reading Railroad museum.

I always read the Eight Bells section of *Mariner* to see who has passed on. Wondering who may have been missed, I started searching for alumni who have crossed over the bar. I would look at the *Portland Press Herald* and then started using their search function for all states with the keyword “maritime.”

When I see an alum show up, I send the obit to the Alumni Office

and to the *Mariner* editor for inclusion in the Eight Bells section of the magazine and the online Alumni page on the web.

(If I see my name, I’ll stop searching.)

Maine Maritime is not a big school so you get to be real close with your classmates. You maintain those relationships after school, especially as you get older.

It’s good to get together and tell sea stories and talk about family and what you’ve been doing. I attended my class 50th reunion in August, 2016.

What strikes me about reading the life stories of MMA alumni is how diversified their lives have become. MMA gives you a good foundation to do a lot of things.

You’re not afraid to take on a challenge and try something new.

Some spend their whole career at sea, while others go to sea for a short time, and next thing you know, they’re an airplane pilot, or in the insurance business, or they’re a lawyer now.

When asked how I would like to be remembered, it would be “He was a good person and he was IRISH!” ■

—Dick Sullivan '66



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Eight Bells

The tradition of Eight Bells pays respect to deceased mariners and signifies that a sailor's "watch" is over.

HON. DONALD D. ROSENBERG '50

died September 25, 2016 in South Houston, Texas. Lieutenant Commander Donald D. Rosenberg retired in 1969 after serving 25 years in the United States Navy. Following his retirement and upon entering the business world he moved to Houston, Texas with his family where he continued his public service by participating in various municipal functions. He was an avid collector of all things nautical and donated his extensive nautical pottery collection to MMA where it is now on permanent display. He was a true patriot, a gentleman and a man who loved many things and was loved by many. Those who knew and loved him are the richer for it.

PETER C. ROBINSON '66

died on May 24, 2017 in Marlton, New Jersey. He was the beloved husband of Pamela Hope Robinson for over 50 years, and a loving father and grandpop. Peter was born and raised in Bath, Maine. He was a proud member of the class of 1962 of Morse High School and MMA class of 1966. He spent his teenage years working at the Bath Golf Course and it availed him many lifelong lessons. He was employed for over 35 years with Demag DeLaval. His employment there enabled him to work with machinery and people; he loved them both. He retired as Director of Operations for the Turbine Division. After retirement, he spent time consulting and perfecting his golf game. He was a dearly loved member of Little Mill Country Club, he enjoyed playing in the A&G golf group, and he and his wife spent time traveling and cruising. Peter's significant accomplishments paled in comparison to the pride he had in his wife, daughters and granddaughter. He was deeply loved by his family and will be dearly missed.

CAPT. CORNELIUS V. SPILLANE III '75

died December 7, 2017 in Hunstville, Alabama. Known by most friends as "Mickey," Cornelius was a dedicated Navy/Merchant

Marine Captain and ardent storyteller. His ability to captivate and entertain was evidenced by his position as class president all four years at MMA. Those leadership and people skills also allowed him to serve at the rank of Master and Commodore during Desert Storm and the Iran-Iraq War. Mickey graduated from the U.S. Naval War College with a MA in National Security & Strategic Affairs, and graduated with distinction with a MS in Business Management from Salve Regina University. His life was full of risk and responsibility, with his country entrusting him in black operations. While home from sea, Mickey enjoyed Maine's natural beauty and maintained a close connection with the ocean. He found joy in long road trips in his Cadillac, listening to big band music on surround sound and never relying on a GPS. In recent years, he maintained a link with the Huntsville veteran community, volunteering for ceremonies and having weekly breakfast with veteran friends.

PETER S. JOHNSON '94

died December 9, 2017 in Portsmouth, New Hampshire. Raised in Tenafly, N.J., he began working for Mormac Marine Group as a 3rd mate after graduation. After promotion to chief mate and traveling the world, PJ embarked on a new adventure working for Reinauer Transportation, sailing in and out of New York Harbor. PJ was part of the rescue and recovery operations after the 9/11 attacks on the World Trade Centers and received an award for his efforts. PJ became a federal harbor pilot in 2012 and was a driving force in the expansion and operations of the Port of Portsmouth, NH including the rebuilding of the Memorial Bridge and the reconstruction of the Sarah M. Long Bridge. PJ was committed to the continuation of a working waterfront supporting the fisherman, businesses and local economy. At the same time that he was building his maritime career, his passion for skiing gave him great opportunities to spend time with his family. Through his services

with the Cannon Mountain Ski Patrol he was able to combine his knowledge and expertise of life saving and rescue with skiing. He was quickly welcomed into the proud service of the Canon Mountain Ski Patrol and was recognized for his efforts during the rescue operation in 2016 when he was Incident Commander for the successful tram evacuation.

MR. PHILIP B. HATCH, JR. '56

died December 16, 2017 in Sterling, Massachusetts. Hatch retired from the US Navy after 23 years as a Lt. Commander and served a 13-month tour with the Marines during Vietnam. While in the Navy he was awarded the Meritorious Service Medal; Bronze Star (with Combat V); Air Medal (4 Awards), Purple Heart; Combat Action Ribbon; Presidential Unit Citation; Navy Unit Commendation; Meritorious Unit Commendation; Armed Forces Expeditionary Medal; National Defense Service Medal; Vietnam Service Medal; Vietnamese Honor Medal 1st class; Vietnam Cross of Gallantry (Unit); and Republic of Vietnam Campaign Ribbon (with clasp). After his retirement he served as Assistant Director of Probation and Parole for the State of Maine. He was a very active member of St. Joseph's Church as Director of RCIA for several years and as a communicant, he served on the Board of Directors for the Hall of Fame at Portland High School and for Milestone in Portland. While in the Navy he also founded Dry Dock 29 at the Portsmouth Navy Shipyard.

MR. FRANCIS W. MAYO '54

died December 19, 2017 in South Paris. A veteran of the US Navy, Mayo served four years and had been stationed in Vallejo, Concord and then after his discharge he worked for Pacific Gas & Electric. He moved his family to Eureka, California and began working as an insurance inspector for Hartford Steam Boiler. In 1972 he returned to Maine. Mayo re-took the Coast Guard exam

EIGHT BELLS

and got back to what he earned his degree in, taking a job with Interlake Steamship Company as an engineer in their shipping business on the Great Lakes, retiring in 1990. He was a member of the AMVETS in Buckfield, Modern Woodmen of the World, Knights of Columbus and enjoyed staying busy in retirement helping his wife in her ceramic business.

CAPT. WILLIAM L. BULLARD '59

died December 20, 2017, in Plympton, Massachusetts after a brief illness. He earned a bachelor's degree in nautical science and a third mate license in 1959 from MMA. In 1963, he earned his master license for "vessels of any gross tons upon oceans," and sailed deep seas for 10 years. He was a first class pilot in the Panama Canal, Hawaii, Southeast Alaska, and St. Croix, U.S Virgin Islands. Bullard was also a Navy veteran, having served 11 years as a reserve officer. He resided in Coco Solo, Panama, from 1967 to 1970; Honolulu, Hawaii, from 1970 to 1975; and Ketchikan and Plympton from 1976 to 2017.

CAPT. RALEIGH BLANCHARD '81

died December 22, 2017 in Freeport, Maine. He spent the majority of his life in coastal Maine. Blanchard was a well-respected and extraordinary mentor, not only in his professional career, but also to friends and family throughout everyday life. He guided us all by his selflessness and strove to always help others. His love of the ocean and of his friends and family translated into showing us how to live life to its fullest. His hobbies included boating, classic cars, biking and tennis. Tom was actively involved in the MMA Alumni Association.

MR. JOHN H. MCQUILLAN '53

died December 27, 2017 at his home in Winslow, Maine without his wife's permission. He played football for MMA and after graduation went to work for Columbia Gas and then American Export Lines. John and his family lived in Ohio and New Jersey before moving to Maine where he worked for Scott Paper as a supervisor. John enjoyed woodworking, was very handy, and on many occasions readily helped out his neighbors. It's always good to have a neighbor who knows which end of the hammer to use. Win or lose at playing cards or golf it was never a competition for him. When it came to Patriot's football, he never missed a kick-off.

MR. BRIAN T. SULLIVAN '66

died on December 27, 2017 in Bailey Island, Maine. After graduation, Brian sailed with Tidewater Oil out of Delaware. Soon after, he took a job in Wilmington, NC where he taught at Cape Fear Technical Institute as an instructor on the research vessel *The Advance*. Brian also started a career in the marine insurance industry that lasted almost 40 years. If asked, Brian would claim his real job was as a fisherman. His life as a fisherman began when he was 12 years old and continued through retirement. Lobstering, clamming, gill netting, fish trapping, and purse seining; anything that got him out on the water! He also loved underwater adventures, and enjoyed exploring tropical destinations with his family. Adventures at home centered around large family gatherings at the holidays. No one will forget the 4th of July party that ended with a houseboat, PVC pipe, fireworks, and a visit from the police. Brian carried on his passion for fishing after relocating to Bailey Island. He made countless friends, and was always surrounded by one motley crew or another. People were drawn to his boisterous and kind personality. He lived life his way, and his generous nature was infectious.

MR. DONALD W. O'BRIEN '56

died January 1, 2018 in Wilton, New York. After graduation Donald entered the United States Navy as an Officer. He shipped Merchant Marine, and served aboard the USS Kidd and USS Till as Lieutenant Commander. He served as a Naval Intelligence Officer during the Vietnam War. He later taught Math and Science at the Massachusetts Maritime Academy. Following OB's honorable discharge from the Navy, he was employed for over 30 years in International Marketing for General Electric, traveling all over the world selling gas and steam turbines. Following his "retirement" he did consulting work for the Japanese firm, Mitsui. OB was an avid golfer and a member of MacGregor Country Club.

MR. ROGER B. WALTERS, PE '65

died on January 4, 2018 in Dade City, Florida. After graduation, Roger continued his education at Lowell University where he received his MBA degree. He was a U.S. Navy veteran, serving during the Vietnam War. He worked for many years as a consulting engineer with Stahlman Group and prior to that with Heald McKone Associates. He

was an active member of New Beginnings Church of the Nazarene in Loudon where he taught Sunday school and was the Church Treasurer for 11 years. He was also the Treasurer of the Windsor Hills Camp in Windsor, NH. He was an avid reader and enjoyed golfing, camping with his children, and spending time in the NH outdoors.

MR. JOHN F. SCALA '53

died January 9, 2018 in Rochester, Massachusetts. While at MMA, he played football and ran track, captaining the football team his senior year. Upon graduation, he was commissioned in the U.S. Navy, serving three years. Upon discharge, he began his 38-year career with General Electric, with most of those years in Somersworth, NH. Throughout much of the 1960s and 1970s, he served as the executive VP of Scala Enterprises, which included the well-known Scala's sub shops and the Chuck Wagon catering business. In his earlier years, he was active in local politics, the Lion's Club, and Sons of Italy. He served as president of the Rochester Country Club and as commissioner of Parks and Recreation. He coached youth athletics and was involved in various booster organizations. He spent retirement golfing, skiing, hunting, traveling and attending grandchildren's events. He and Marion were very involved with Tara Estates activities. His greatest joy was spending time with family.

MR. CHARLES A. KILBY '49

died on January 10, 2018 in Newport, Maine. He served as a Merchant Mariner including oil tankers to Saudi Arabia. He operated power plants for Maine Public Service Company for 40 years. Charles was a member of the Lions Club for many years. He enjoyed spending time at his camp on Cross Lake with his family.

MR. CRAIG W. BABCOCK '89

died January 14, 2018 in Lisbon, Connecticut. Craig proudly served as a Merchant Mariner for 26 years following graduation, a career that allowed him to travel the world. As a mariner, he sailed the Pacific and through the Panama Canal, with stops in Alaska, Hawaii, Asia, Europe, and the Caribbean. He loved to travel with his family, and particularly cherished the time spent together in Disney World, Alaska, South Africa, Seattle, the Bahamas, and California. Of all the places he traveled, he most loved

Block Island, and sharing his time there with family and friends. Craig lived his life on the ocean, and spent his time on Block Island boating, fishing, swimming, SCUBA diving, and teaching others to love the sea. He also loved to work on things in the company of those he loved, from cars, boats, and houses to fishing lures. He was a "dog whisperer," who was loved by all dogs in return. Craig had an enormous influence on those around him. His loyalty, generosity, humor, hard work, and dedication to his family will live on in those who love and admire him.

MR. NORMAN A. CLARK '46

died January 16, 2018 in Manchester, New Hampshire. He resided in the Queen City most of his life. Norman served with the United States Navy and was a plant manager with New England Telephone Company for thirty-five years. Devoted to his faith, he was a longtime communicant of Saint Pius X Church, where he served as a Eucharistic minister. Norman was an avid golfer and enjoyed ballroom dancing. He will be remembered as a loving husband, father, and grandfather. Norman will be deeply missed and his memory held dear by his family.

CAPT. DENNIS R. WEBB '72

died on January 21, 2018 in South Portland, Maine. Dennis worked his entire career as a Merchant Marine officer, retiring as Captain. He sailed ships all over the world for companies including Texaco, Sealift, and Maersk. Capt. Webb was the first captain to sail a cargo ship into Poland after World War II. He started on oil tankers, but spent most of his career bringing cargo such as grain to countless ports all around the world including Africa and the Middle East, and took numerous trips through the Panama Canal. Capt. Webb retired in 2008. Dennis was an avid car fan, following NASCAR and local car races. He loved spending time at the family camp on Sebago Lake, waterskiing, and boating. He enjoyed mudding and ice racing on his 4-wheeler. Dennis was extremely proud of his running career and even ran in the Boston Marathon. He was a member of the Portland Lodge of Elks, the Mid Maine Hog Chapter, and the MMA Alumni Association. He loved to tour lighthouses, keeping the sea close to him even when he was ashore. Dennis was a strong, loyal, extremely smart, an avid learner, brave, steadfast, kindhearted, adventurous, proud and loving person. He

loved to strike up a conversation with anyone who would listen.

CAPT. RICHARD C. O'DONNELL '50

died January 25, 2018 in Savannah, Georgia. He was predeceased by his wife Mary and is survived by his children, Thomas and Sheila. Richard spent many years working in the Panama Canal in many different capacities.

MR. PETER R. THOMPSON '65

died January 28, 2018 in Venice, Florida. He moved to Venice in 2009, a place he called paradise. Following graduation, he served as an engineer at US Maritime Service. Subsequently, he graduated from Central Connecticut State and served as an industrial arts teacher and wrestling coach at Wethersfield High School. He then worked for Northeast Utilities developing education and training programs for employees. Throughout this time Pete also served in the US Naval Reserve. In middle age, Pete became a marathon runner, long distance cyclist and triathlete. Following his retirement he worked for LL Bean and became a Maine Island Guide and sea kayaking coach. His Scottish heritage inspired him to learn bagpiping and he subsequently played in a punk rock band. Pete also undertook weaving, and he continued to build furniture, houses, and gardens. Pete had an insatiable curiosity, a passion for life and diversity of interests and friends. A confirmed Maine-iac, he surprised everyone when he moved to Florida, where he started building motorcycles, especially Café Racers, Triumphs and Indian motorcycles. Pete developed a close clan of motorcycling friends, took up sculling, and continued bicycling. He became a Florida naturalist while transforming his back yard into a tropical paradise. He was also a lover of animals and had a long succession of Maine Coon Cats. Pete was known and loved by many near and far. He had an infectious laugh, a generous heart and was a gentle man in all ways.

MR. TERRANCE J. FREDERICK '65

died on March 1, 2018 in Beverly Hills, Florida. After graduation, Terrance worked on large ships, traveling all over the world and eventually becoming chief engineer. In 1979, Terrance moved to Lecanto, Florida and then, moved to Beverly Hills, Florida. He was a very active member in the Lion's

Club, as well as a member of Beverly Hills Community Church.

MR. ROBERT E. MOODY '68

died March 4, 2018 in Gadsden, Alabama. At MMA, he was the drum major for the band, and upon graduation he earned his U.S. Coast Guard merchant marine engineering license and Navy commission. Bob studied engineering and Health Physics at the University of Michigan Graduate School. He started in the nuclear power area in 1969 as a reactor operator/health physics and water chemistry technician on the Nuclear Ship *Savannah*. Bob spent 42 years in the nuclear industry in various capacities, from commercial industry to government regulation. Bob retired from the NRC in 2011 and moved to Gadsden, Alabama. He was an avid golfer and the home in Gadsden on the number 6 green of the Gadsden Country Club was a perfect fit. He played golf regularly with friends and was a member of the Alabama 60+ Golf Association. He won the Julius Fargus Trophy for the best score at the Alabama 60+ annual tournament in Waynesville, NC in 2015. Bob built many items for schools and church fundraisers with his son and other volunteers. Throughout his life, he could always be found fixing something. He made friends easily at work and at play and considered friendship one of the most important values in life. He will always be remembered for his giving back, teaching, coaching, and mentoring. He was a member of the First United Methodist Church of Gadsden, Alabama 60+ Golf Association, The American Nuclear Society, and former President of the Board of Directors of the NS Savannah Association.

MR. THOMAS B. PORTER '69

died March 4, 2018 in York, Maine.

CAPT. RICHARD P. DALLAIRE USN (RET.) '51

died March 13, 2018 in Virginia Beach, Virginia. After graduation he sailed for Farrell Lines in Europe and West Coast of Africa. He later was commissioned in the U. S. Navy as an Engineering Duty Officer and during his 28 years he served in a number of sea billets leading to Chief Engineer of USS America (CV-66). Shore duty involved numerous ship maintenance officer staff tours until his retirement in 1979.

Summer Getaway

AS A MMA STUDENT OR ALUMNUS you don't have to travel far from Castine to "detox from school and work," says Steven Amadio, shown with a wry, if not dry, expression in the selfie of this 2017 MMA Photo Contest entry. Across Maine, and in this case, New Hampshire, are many pristine ponds that offer swimming, fishing, boating, exploring and a chance to gather with friends.

Amadio '19, a Vessel Operations and Technology major, began a tradition of camping with friends in the summer New England outdoors that he hopes to continue into the future, "no matter where I have to fly in from."

Do you and your classmates have a special place where you reunite to swap stories, family progress, and share memories and hopes for the future? We'd love to hear about it, but will keep the exact coordinates secret upon request. Contact: mariner@mma.edu.



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