



Webb News

WEBB INSTITUTE MAGAZINE | 2020 | VOL. 32



KEEPING THE WEBB COMMUNITY TOGETHER



ISABEL HILL



Jonathan Wang



CHRISTOPHER BAL



MMcGUINNESS



Linda



Mike DeNapoli



Galen Ng



Mara



Renee Tremblay

IN THIS ISSUE

2020 | VOL. 32

2	Message from the President
3-5	Honoring Our Graduates
6	Webb Cares
7-9	Rick Royce and the Mountain of Terror
10	Update on Student Affairs
11-12	Another Record Year for Webb Admissions!
13	Meet the Class of 2024
14	Alumni Spotlight: Arthur W. Schmidt '48
15-16	Message from the Dean
17	Stuck@Webb
18	Outside the Webb Bubble
19-20	SD1: Ship Design - Junior Ship Design Highlights
21	Freshman Spotlight: Spencer Margosian '23
22	Winter Work Tales: Croatia
23-24	Thesis Spotlight: Seniors Christopher Bal & Harrison Tack
25-26	Message from the S.O. President
27-28	Campus News
29-32	Webb Athletics
33-34	Webb Alumni Association Report
34	Mobile Daylight Rechristening
35	Regional Events: Bringing Together Generations of Webbies
36	John W. Russell '67, W. Selkirk Owen Award Recipient
37	Heritage Society Spotlight: Dave Bovet '70
38	BIW Remembers Kenneth "Chip" Faulter '81
39-43	In Memoriam
44-50	Alumni News - Class Notes

MISSION STATEMENT

To inspire and educate tomorrow's leaders in an extraordinary learning community focused on engineering and design in the marine field.

Webb Institute:

- ⚓ Provides a rigorous education in the principles of engineering and the fundamentals of naval architecture, marine engineering and related marine technologies;
- ⚓ Develops skills that will enable graduates to become leaders in, and make significant contributions to, their chosen profession and the wider community;
- ⚓ Instills in graduates the highest ethical standards and sense of professionalism;
- ⚓ Cultivates curiosity in the arts, sciences and humanities, and provides the background and encouragement necessary to support lifelong learning; and
- ⚓ Perpetuates the values of William H. Webb.



CONTRIBUTORS

R. Keith Michel '73
PRESIDENT

Matthew Werner '95 & PG'97
DEAN & ABS PROFESSOR OF NAVAL
ARCHITECTURE & MARINE ENGINEERING

Graphic Design & Layout:

Kerri Allegretta
DIRECTOR OF MEDIA RELATIONS &
COMMUNICATIONS

Supervising Editor:

Gailmarie Sujecki (Hon.)
EXECUTIVE ASSISTANT TO THE PRESIDENT &
DIRECTOR OF ALUMNI RELATIONS

Editors:

Dr. Richard C. Harris
ASSISTANT DEAN & DIRECTOR OF HUMANITIES

Josie Wilson (Hon.)
DIRECTOR OF ACADEMIC SERVICES

EDITORIAL CONTRIBUTORS:

Kerri Allegretta	Jackson Juska '21
Marissa Alperin	Duane Lee '20
Christopher Bal '20	Juliette Lehman '22
LJ Bock '20	Spencer Margosian '23
David Bovet '70	Mary McGuinness '20
Lauren Carballo	R. Keith Michel '73
Ian Cosic '21	Ioana Mirica '22
Dan Desio '21	Matthew Migliozi '20
Vicky Dlugokecki '89	Rick Neilson '70
Patrick Doherty	Arthur Schmidt '48
Alana Duerr '08	Gailmarie Sujecki (Hon.)
Ryan Flanagan '21	Harrison Tack '20
Bradley D.M. Golden '99	Lina Tenenbaum '21
Isa Hill '20	Kathie Townshend S'53
Ben Hunt '21	Matthew Werner '95, PG'97

PHOTO CONTRIBUTORS:

Kerri Allegretta	Reneé Tremblay '20
Kyle Koleda	Jonathan Wang '20
Richard Royce	

Webb News is
published annually by:

Webb Institute,
298 Crescent Beach Road,
Glen Cove, NY 11542-1398
www.webb.edu



by **R. Keith Michel '73**,
President

Message from the President:

Webb Stays on Course

My usual *Webb News* article begins with a description of Commencement Day but this is not a usual year. Everything changed in the middle of March when most of our students journeyed home to continue their studies remotely. Seventeen students remained on campus including fifteen seniors. We made the most of both scenarios – our strong sense of community remained intact and for the first time in my memory, all students passed all their courses!

To the members of the Class of 2020, I extend my best wishes for a fulfilling and successful life. Their time at Webb was remarkable in many ways. It was my pleasure to have spent four years enjoying their company and watching this group excel academically, through their leadership initiatives, and through their volunteerism both on campus and in the local communities. Congratulations to the Class of 2020!!

The seniors decided to celebrate commencement over the Homecoming 2021 weekend. The consensus of the class was that everybody should have the opportunity to attend commencement exercises. They made it through four years of Webb together, and they were going to graduate together. Please join us in May for Homecoming weekend. It promises to be an exciting event.

Meanwhile, we are busy making plans for the Fall 2020 semester. Barring unforeseen events, Webb students will be on campus to attend classes on August 24th. As I explained in my correspondence to students and their parents, the health and safety of our students and employees is our highest priority. We are making extensive preparations to ensure that best practices are followed, including physical distancing, proper use of face coverings and other PPE, regular cleaning of public spaces, daily screening of students and staff, contact tracing, and provisions for quarantining and isolating students should the need arise.

We are confident that reopening this fall is the right decision for Webb. As a small college located at the “end of the road”, we have certain advantages. We have been mostly successful in keeping uninvited visitors off campus. (Thanks to the classes of '77 and '88 for sponsoring the automated gates at the entrances to campus!) We can expect our students and staff to adhere to our safety guidance. And as was demonstrated when we so quickly shifted from in-person to remote learning in March, we are adaptable and resilient.

As Dean Werner explains in his article beginning on page 15, the transition to online learning went remarkably smoothly. However, no one at Webb believes that sitting at home behind a computer can begin to substitute for the collaborative environment of a Webb classroom. We pride ourselves on an education that blends the practical with the theoretical. Our emphasis on experiential learning, team projects, and lab classes requires the hands-on experience that the Webb campus was designed to facilitate. The message from our students, faculty, and staff has been clear – they want to be back on campus as soon as we can safely accommodate them.

We have and will continue to incur added expenses and lost revenues due to our COVID-19 response. Room and board rebates, procurement of PPE, equipment and software to support online teaching, quarantine housing, and COVID-19 testing are just some of costs that we have and will sustain. I am most grateful for the extraordinary financial support provided by our alumni, parents, and other friends of Webb during these challenging times. We also benefited from CARES Act funding and support from a couple of foundations. Our goal is to emerge from this pandemic stronger than ever. Your continued support will make this goal a reality.



HONORING OUR GRADUATES

Because of the COVID pandemic, Webb's 124th Commencement will be held in-person during Homecoming weekend 2021. Even though the official celebration has been delayed, that did not stop the Webb community from honoring our new graduates.

President Michel '73 hosted a BBQ at his house for the seniors and employees who remained on-campus this spring semester. The senior class reunited online through a virtual online toast, hosted by the Webb Alumni Association. Vicky Dlugokecki '88, the Webb Alumni President, hosted the event, which included over 120 attendees. The audience was comprised of current students, faculty, administration, trustees, alumni, and parents. Each senior had the opportunity to speak about his or her post-graduate plans (listed to the right), while alumni reminisced about their own Webb commencements and experiences.

Finally, the Webb community put together a congratulatory video for our seniors that premiered on their original commencement date. The video is available on Webb's Vimeo page: <https://vimeo.com/webbinstitute>

In addition to their degrees, several seniors received additional awards and prizes for their outstanding academic achievements in a variety of areas, such as excellence in thesis, excellence in mathematics, highest general average, and exemplary commitment of service to others through volunteerism, community service, and civic outreach. Please view on the following page.

Thesis posters, descriptions, senior spotlights, and presentations are available at:
www.webb.edu/academics/meet-the-class-of-2020/

POST GRADUATE PLANS

Christopher Bal	NASSCO
Louis Bock	Bruce S. Rosenblatt & Associates
Ian Cavanaugh	Undecided
Mike DeNapoli	Bruce S. Rosenblatt & Associates
Grant Dixon	Undecided
Mara DuVernois	Resolve Marine Group
Alec Gonzalez	Undecided
Isa Hill	NASSCO
Duane Lee	ABS
Thomas Linden	Bristol Harbor Group
Mary McGuinness	Bruce S. Rosenblatt & Associates
Matthew Migliozi	City University of London
Audra Milbitz	BLOM Maritime
Galen Ng	University of Michigan
Max Pierce	MIT
Abrianna Reddy	ECS
Rockford Regan	Bruce S. Rosenblatt & Associates
Alexander Taber	ABS
Harrison Tack	Bruce S. Rosenblatt & Associates
Zane Tinnell	ABS
Reneé Tremblay	Chevron Shipping Company
Jonathan Wang	Carderock, Combatant Craft Div.
Linda Waters	University of Maryland
Brandon Wui	Herbert-ABS
Nicholas Yarka	Gibbs and Cox



The Senior Class stuck in the bow thruster room of a Maersk containership.



Smiling faces from the Class of 2020 as they take a day off of class to tour the Maersk Hartford at Port Elizabeth.



Seniors together during the SNAME Maritime Convention Conference in Tacoma, Washington.

AWARDS

— TOTAL PERFORMANCE —

CHAFFEE MEMORIAL PRIZE

Louis Bock
for general excellence
{Sponsored by Trustee Joseph J. Cuneo '57}

— LEADERSHIP AND ETHICS —

PATRICK S. MATRASCIA GOOD SHIPMATE AWARD

Audra Milbitz
for working unselfishly and in harmony with classmates
{Sponsored by President R. Keith Michel '73}

THE CHARLES KURZ II (Hon.) COMMUNITY SERVICE AWARD

Isa Hill and Renée Tremblay
for exemplary commitment of service to others through volunteerism,
community service, and civic outreach
{Sponsored by Charles Kurz II (Hon.)}

PAUL E. ATKINSON MEMORIAL PRIZE IN ETHICS

Max Pierce
for demonstrated commitment to ethics
{Sponsored by Paul E. Atkinson Memorial Fund}

— ACADEMICS —

J. LEWIS LUCKENBACH MEMORIAL PRIZE

Jonathan Wang
for highest average over four years
{Sponsored by the American Bureau of Shipping}

CHARLES A. WARD, JR. MEMORIAL AWARD

Jonathan Wang
for excellence in naval architecture
{Sponsored by Charles A. Ward Memorial Fund}

JENS T. HOLM '41 MEMORIAL AWARD

Louis Bock
for excellence in marine engineering
{Sponsored by George A. Gilmore '57}

KEELER MEMORIAL PRIZE

Jonathan Wang
for excellence in mathematics
{Sponsored by Trustee Dr. Luther Tai}

RICHARD A. PARTANEN HUMANITIES AWARD

Mara DuVernois
for excellence in humanities
{Sponsored by Dean Matthew R. '95, PG'97 & Tisha Werner}

CURRAN MEMORIAL PRIZE

Renée Tremblay
for most outstanding and consistent academic improvement
{Sponsored by Trustee and Mrs. John A. Malone '71}

— THESIS —

STEVENSON TAYLOR MEMORIAL PRIZE

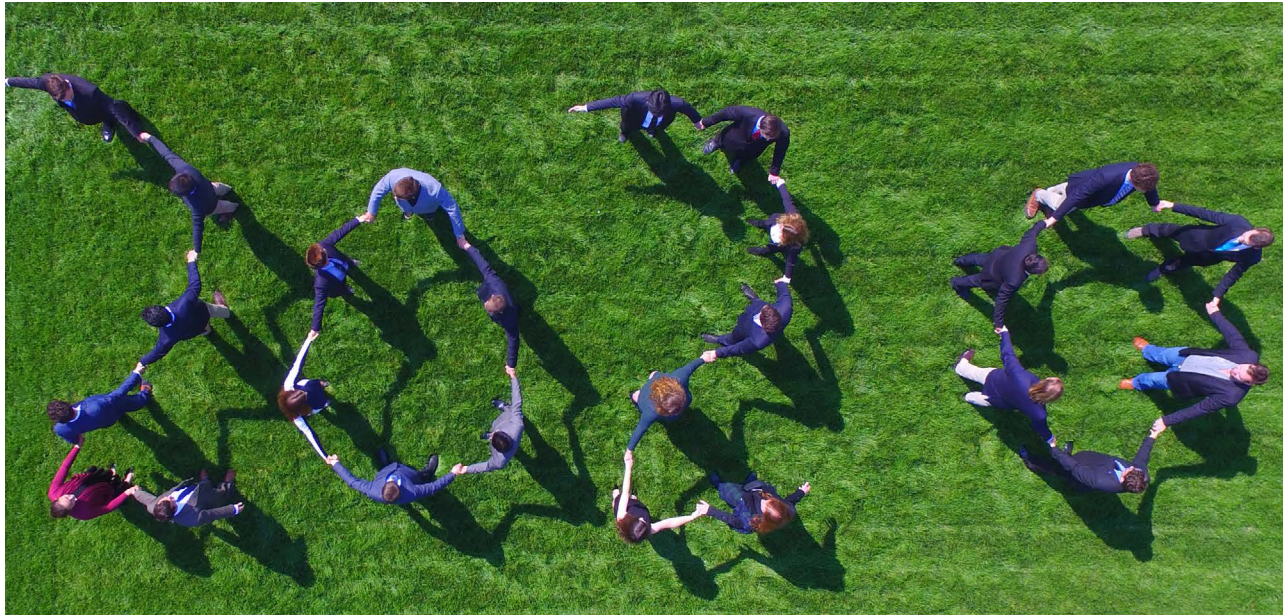
Brandon Wui
for excellence in the senior thesis
{Sponsored by the American Bureau of Shipping}

LEWIS NIXON MEMORIAL PRIZE

Max Pierce and T. Zane Tinnell
for excellence in the senior thesis
{Sponsored by Trustee Emeritus John W. Russell '67}

HONORABLE MENTION FOR THESIS

Linda Waters



THESIS TITLES

Christopher Bal & Harrison Tack	A Technical Description and Comparison of Renaissance Period Venetian Ship Construction to Liberty Ship Construction
Louis Bock	Design of a High-Speed, Common-Rail Diesel Engine Test Platform and Support Systems
Ian Cavanaugh & Duane Lee	Concept Design and Economic Feasibility Study of a Modular Underwater Apartment: A Case Study at Webb Institute
Michael DeNapoli & Galen Ng	Hydrodynamic Performance of a Lifting Body Using Near-Field Flow Kinematics from PIV Analysis
Grant Dixon	Design and Development of a Small Craft Collision Avoidance System
Mara DuVernois & Alex Taber	The Design and Construction of a Multipurpose Buoyancy-Driven Underwater Glider
Alec Gonzalez	Webb's Open-Circuit Wind Tunnel: Setup and Best Practices
Isabel Hill & Audra Milbitz	An Environmental and Feasibility Analysis of a Dual-Fuel System for a High-Speed Diesel Engine on a Fishing Vessel
Thomas Linden & René Tremblay	Bow Flare: The Effect on the Seakeeping Performance of Containerships
Mary McGuinness	Concept Design of a Floating Home: Adapting to Sea Level Rise in the California Bay Area
Matthew Miglioizzi	A Thermodynamic Exergy Analysis to Optimize a Combined Brayton-Rankine Cycle
Max Pierce & Zane Tinnell	Effect of Nonlinear Geometric Twist on Hydrodynamic Performance of Hydrofoils with Bell-Shaped Spanloads
Abrianna Reddy	Design Guide for a Modular Flexible Research Vessel
Rockford Regan & Nick Yarka	An Investigation of Marine Gurney Flaps
Jonathan Wang	Improving Shipyard Management: Automated Assignment of Dependencies Within Ship Overhaul Schedules
Linda Waters	A Machine Learning Approach to Renewable Energy and Cost Optimization for Wind-Powered Cargo Ships
Brandon Wui	The Development of a Model for Autonomous Vessel Path Planning



WEBB CARES

Each spring, it has been Webb's tradition that Freshmen take part in Webb's Phon-a-thon. During several spring evenings, freshmen congregated in the Luckenbach building, fueled by a spread of sugar-filled snacks for an evening of phone calls to Webb's loyal supporters.

The most tangible outcome of the Phon-a-thon are our benefactors' pledges of financial support of Webb's Annual Fund, which provide the financial resources to support so many important programs and initiatives, including student support (scholarships, travel, research, training, thesis work, etc.), student activities (sports, clubs, art, etc.), technology acquisitions, library acquisitions, faculty support, and much more. Equally important are connecting our students and generous benefactors and reinforcing the importance of philanthropy to Webb's youngest students and future alumni.

On March 2, students returned from Winter Work internships eager to commence their first semester in the Couch Academic Center. Two weeks later, students were asked to return home because of COVID-19, and Webb began to provide online instruction. Webb changed in many ways beginning in March 2020, and so to the did the way we communicate with our benefactors—Webb's Annual Phon-a-thon was replaced by Webb Cares.

A communication was sent to Webb students seeking volunteers for Webb Cares phone outreach. Within hours the first volunteers came forward, and within a week 24 student volunteers from all class years answered the call. Now more than ever, the well-being of

Webb family members was at the forefront of our efforts. Instead of calls soliciting pledges to Webb's Annual Fund, students made 290 calls focusing on the well-being of alumni 50 and older, which provided an opportunity to share Winter Work and distance-learning experiences. Nearly half of these calls were answered enthusiastically, and we received numerous accounts of heartfelt exchanges from both the student callers and members of Webb's family.

Later in March, President Michel provided detailed insights into the extensive efforts made by Webb to ensure the safety of students and staff. It was at this time that Webb introduced the COVID-19 Fund, a special fundraising drive to assist with operations costs; \$22,000 has been received by Webb in recognition of this extraordinary time of need. In June, Webb provided pro-rated rebates for room and board to families of students who returned to their homes. In an extraordinary show of support, nearly \$45,000 was returned to Webb as charitable contributions.

With all the changes brought on by COVID-19, Webb is grateful that the generosity of its supporters has remained steadfast. I look forward to sharing with you the many stories of extraordinary support from the Webb family in the upcoming Annual Report. **We are grateful for your support, now more than ever.**

Anthony R. Zic
Director of Development
 516-759-2040
azic@webb.edu

RICK ROYCE AND THE MOUNTAIN OF TERROR

by Rick Royce as told to Rick Neilson '70



Richard A. (Rick) Royce has a Ph.D. in Naval Architecture and Marine Engineering from the University of Michigan and serves as Professor of Naval Architecture at Webb Institute, having been hired in 2001. In addition to his classroom duties, he has performed many different services, including Director of Research; Director of the Robinson Model Basin; leading the Webb “big boat” sailing efforts, including the Newport, R.I. to Bermuda race; and Principal Investigator for the Office of Naval Research (ONR) Navatek Consortium. Under Roger Compton’s leadership, Rick was a major author of the proposal to ONR that secured \$2 million in grants for upgrades to the model basin, marine engineering laboratory, and the purchase of a research quality flow channel, in addition to funding research. Rick did a great job managing the resulting funds. In the time I’ve known Rick I have always thought of him as extremely capable and a reasonably sane man. Then I learned that in January of 2020, he planned on climbing Mount Kilimanjaro. Sometimes one has to re-think his opinion of another’s mental stability.

Spending a lot of time in a building the students often refer to as Hogwarts can do strange things to people. Perhaps that is what caused the aberration in the good professor’s mind though he claims this was a long time coming. The real impetus for this adventure came from Rick’s sister, Karen. They have always been close, and Karen wanted to do something special for their upcoming birthdays. So in the summer of 2019 they considered several options, but none seemed quite right. Karen was a geology major and had helped run field camps, as well as having spent extensive time on the Appalachian Trail.

She had friends who had taken some African safaris, and she was the one who suggested climbing Mount Kilimanjaro. Rick had done some mountain climbing as far back as college. In the late 1990s he had climbed Mount St. Helens, carrying his skis up and skiing down. Rick’s ex-college roommate worked for Christensen Shipyard in Vancouver, Washington, and when Rick visited him, they would go climbing, including Mt. Adams and Mt. Hood. So Karen’s suggestion didn’t sound crazy. There are a number of companies that arrange a Kilimanjaro climb and after some research, they decided on a company called “Climb Kili.”

Rick knew he had to prepare. He started doing cardio on elliptical trainers in August then threw in some hiking locally, including walking the dog with a full backpack each morning. During Thanksgiving week he went to England, Wales, and Ireland. He did a lot of walking that week and climbed Mt. Knocknarea near Sligo, Ireland, which is only 1,000 feet tall but is steep.

Climb Kili provided an agenda for an eight-day trip that required their arrival on January 10, as well as some instructions. Because the park system limits the weight for porters, each hiker is allowed his or her own personal gear plus a maximum of 15 kg of “extra gear,” which an assigned porter carries. Costs cover transfers to and from Kilimanjaro International Airport, which is located between the cities of Moshi (population approximately 200,000) and Arusha (400,000). Karen and Rick flew from JFK airport and splurged on upgrades to business class, figuring it would be their last chance to be pampered for a while. Upon arrival they were taken to a hotel which was



Photo credit: Climb Kili

good quality though surrounded by a wall and razor wire.

The group consisted of six climbers, three men and three women. Karen lives in Dublin, Ohio. Besides Rick, the other climbers were from Los Angeles; San Francisco; Edmonton, Alberta; and north of London, England. There were three guides, a cook, a waiter, a dishwasher, a toilet attendant, and 13 porters. Each climber had one porter to carry personal gear such as sleeping pad, sleeping bag, and extra clothes. The remaining porters carried food, tents, and campsite gear.

The actual climb started on January 11 at an altitude of 5,000 feet, where the temperature was between 85 and 90 degrees F. Rick says that as opposed to the mountain climbing one might envision, most of this trek was a slight rise with only a few steep portions. They started at the end of the rainy season although the first day was fine weather. The second day they hiked in the rain. They experienced no other real rain but often climbed in a mist. Each morning they were awakened by the waiter, Balthasar, and his “smooth jazz voice” at 6:30. Then they would pack up their extra gear for porters to carry and prepare their day backpack with two to three liters of water, rain clothes, snacks, trekking poles, hat, gloves, and rain cover for packs. Breakfast would be served around 7:15 and was usually pineapple, porridge, eggs, toast, and diced sausage. While eating, they would have their pulse and oxygen content measured. As long as their O₂ level was above 75% they were good to go. If not, there was always the option of staying behind with a guide

and catching up later in the day, or having a guide lead the person down the mountain. Guides and porters were always saying “Pole Pole” (poley poley) which means “go slowly.” This allowed porters to pass the climbers on the trail so they could get set up at the next camp, and for those not used to the altitude, the slow pace prevented burn out. The guides and porters were constantly mindful of the physical condition of the climbers and from that point of view they always felt safe. They would leave camp around 8:00. The length of climb varied by day. When they arrived at the next camp, they would have lunch, starting with soup, toast, pineapple, chicken or fish, and potatoes. Then they would unpack their gear and get their tent, air mattress, and sleeping bag situated. Rick would usually walk around quite a bit to make sure he could sleep through the night. Dinner was at 6:30 and consisted of soup, rice, or pasta with stir fried veggies for topping, potatoes, and fritter type deserts. Rick thought the food was surprisingly good. Hunger may have seasoned it.



One of the many breathtaking views.



Bathroom facilities were less than lavish. The middle-to-high-end tour companies have a toilet attendant. This person carries a portable toilet and tent for the climbers to use. When breaking camp the attendant empties the contents into the bare-bones toilets provided on the mountain. “Bare-bones” means “bare-bones” – think of an outhouse but with no bench seat, just a hole in the floor and the aroma reminiscent of the senior classroom after a ship design all-nighter.

There was one dangerous portion of the climb – a stretch at the Great Baranco Wall. It is an 800-foot rise on a switchback trail with a 60-foot drop-off on one side. Handholds were definitely needed there. Rick did see one person evacuated from the mountain. He was brought down on a gurney of sorts that had only one wheel in its center. It looked extremely uncomfortable but it was the only way available to get someone to one of the mountain’s helipads.

Some highlights of the climb included seeing buffalo tracks at 13,000 feet where there are salt deposits for the buffalo to lick. They stopped at the Moira camp at about 13,300 feet that night although the guides wanted them to go higher where they could get cell phone service. On day seven they started at 16,000 feet around midnight. Rick never considered quitting but the penultimate stretch of the climb to Stella Point at 18,875 feet was quite steep and he felt a bit light-headed. Guides carry oxygen for those climbers who need it, but once they take it, they are required to go back down. After a brief rest, Rick felt fine and the remainder of the trek to the summit at 19,341 feet involved only a slight rise. They arrived at 6:05

am. It was -10 degrees F. They only stayed 30 minutes at the summit because the sun was coming up and there was a real concern about snow blindness. On the route they took, an average of 70% of the climbers achieve the summit. Not all of the climbers in Rick’s group were able to make it, but all had an experience to remember.

The trip down was a bit anti-climactic. They went by a different route, having climbed the northwest side of the mountain and descending the southwest side. It was certainly quicker than going up, but it was tougher than Rick thought it might be because the descent required the use of different muscles. They left the mountain at 5,000 feet and spent the night in the hotel. Having anticipated the need for a bit of R&R, Karen and Rick flew to Zanzibar for a stay at the Diamonds Mapenzi Beach Resort. This required local currency, so Rick went to get some Tanzanian shillings. The machine he used had a menu asking how many he wanted and not being familiar with the exchange rate, he chose 30,000. Turns out that is equivalent to about \$12 US. The exchange fee was \$7 US. Next time Webb’s Director of Research will do more research ahead of time.

So what did Rick accomplish on this trip? First, he lost about 10 pounds despite the hi-carb diet. Secondly, he most probably is the first person to drink a Diet Coke at the summit (Rick refused to confirm or deny this with me), and finally, he is not only the first Webb prof to climb Mount Kilimanjaro, he is certainly the first person to unfurl a Webb banner on the summit. Congratulations are in order. I can’t wait to hear what he does next winter. If he invites me, I’m busy that day.



Pit stop at Baranco Camp, close to the Great Baranco Wall.



A few members of the group at Mkubwa Camp.



By Marissa Alperin, Assistant Director of Student Affairs and Residence Life

This year, the Office of Admissions & Student Affairs underwent several changes to better support Webb's student body and to increase student engagement on and off campus. The Fall semester seemed to fly by, Webb students were welcomed to campus in August and hit the ground running, working with the Office of Admissions and Student Affairs to organize various events and activities, including Webb's weekend trip to a Ropes Course, multiple Yacht Club Socials led by the Yacht Club, Social Committee-led events, and Webb's Engineering day, all of which proved to be successful. To better support the freshman transition process, one-on-one check-in meetings were arranged for all first-year students, who seemed to acclimate well to the Webb family. A new system for club recognition was also developed to better support new and existing clubs and other activities at Webb.

Transitioning to the Spring semester, however, was a challenge this year. Students returned to campus still excited by their Winter Work experiences, however, two weeks into the semester, with the COVID-19 pandemic reaching its peak and greatly affecting the New York City area, students were asked to return home by March 23rd in order to complete the remaining portion of the spring semester virtually. As a result, students had to find innovative ways to work together and complete the already challenging coursework while miles apart from their classmates and unable to experience many of the Webb traditions that make the Webb experience unique. As a result, Webb's annual Great Gatsby Party and Webbstock were cancelled and Webb's Founder's Day was reimaged, while Webb's Social Committee made sure to hold virtual events for all students as well as in person events for those who remained on campus.

The Assessment and Care Team, which consists of members of the Office of Admissions and Student Affairs, the Dean, the Director of Academic Services, the Director of Security and Facilities, and Webb's Psychologist continued to meet weekly not only to discuss community

concerns but also to discuss and implement other ways to support students from afar. The team created and shared a Virtual Resources list, which included apps and websites that community members could use. The Assessment and Care Team also created a new and improved way for students to access campus policies through Webb's college management software called Populi. Thanks to Populi and the efforts of the team, Webb's new and improved Student Handbook is centralized and now easily accessible to students and administrators.

Additionally, the Office of Admissions and Student Affairs hosted optional, virtual weekly drop-in meetings with the student body. Some topics discussed included COVID-19 survey results from Webb's Student Feedback forms, Webb's newly approved Strategic Plan, information about Webb's new Student Handbook, and diversity, equality, and inclusion following the death of George Floyd. The office also called each student to check-in, further highlighting the benefits of attending a small and personal college. We were grateful to be able to keep in touch and can truly say we missed having our Webbies on campus!

During this unprecedented time, Webb also recognized the importance of students having access to mental health care. Webb's counselor, Dr. Stein, continued to provide individual and group counseling sessions to students via telehealth. Sixty-nine percent of our students met with Dr. Stein through her group experience program and/or individual sessions throughout the year, helping to not only support our students, but also keep them connected during these times.

Students often say that Webb is their home away from home, and even when off-campus during these difficult months, they continue to support each other as a family. We hope to welcome students back to campus soon, so they can continue to experience all that makes the Webb experience so unique and unlike any other!



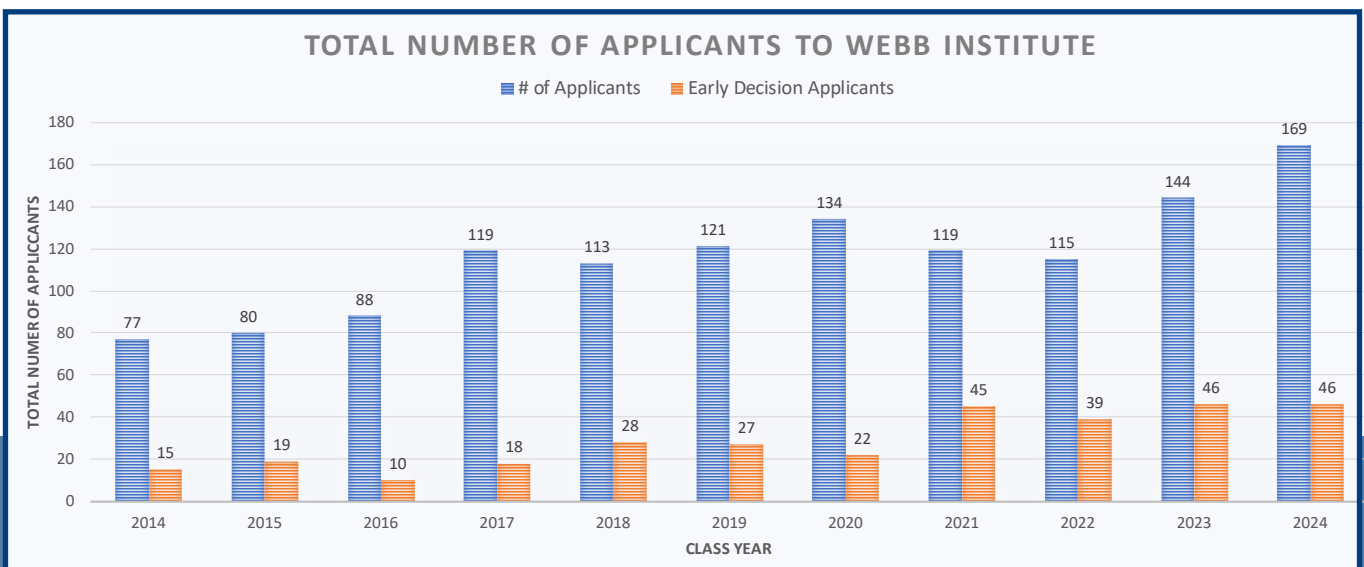
Another Record Year for Webb Admissions!

A record-breaking number of prospective students applied for admission to Webb Institute's Class of 2024 this year, a result of not only the various marketing and recruitment efforts implemented by Webb's administration but also the support and enthusiasm of Webb alumni, students, parents, and friends who continue to spread the word about the Webb experience. As seen in Figure 1, over the past decade, Webb has seen increases not only in the total number of applicants but also in the number of those choosing to commit to Webb early in their admissions process by applying Early Decision. Last year's applicant pool was the largest in Webb's recorded history, and this year's pool shattered that record with a 17.4% increase in total applications. This year's pool also tied last year's record number of Early



by Lauren Carballo
Director of Admissions & Student Affairs

FIGURE 1



Decision applicants. These results are notable as they come at a time when many colleges across the country are reporting decreases in their applicant pools in keeping with the past eight consecutive years of college enrollment declines.

This year’s applicant pool was extraordinary not only because of its size but also its diversity.

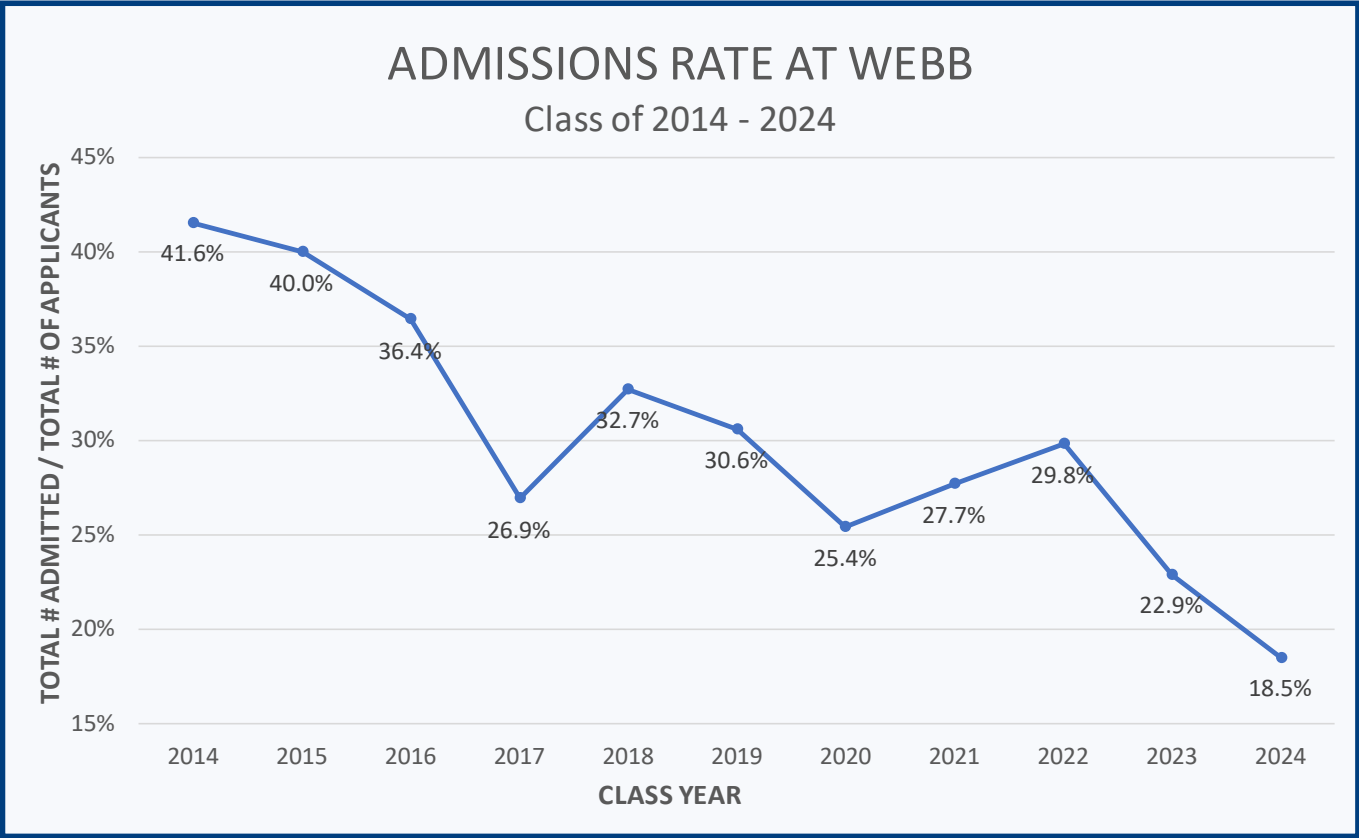
While over the past decade, an average of 20.9% of Webb’s applicants identified as female, 27.8% of applicants in this year’s pool identified as female—another record for Webb. Furthermore, over a third of this year’s applicants identified as Asian-American, Latino-American, African American, Native American, and/or multiracial, and a fifth identified as first-generation college students. Over the past decade, the geographic diversity of Webb’s pool has been impressive, and this remains the case this year with prospective students residing in 29 states and 10 countries submitting applications to Webb. Finally, Webb also saw significant increases in the number of low-income students applying to Webb in this year’s applicant pool, with nearly a quarter of all applicants

qualifying for an application fee-waiver. These increases can be attributed, at least in part, to Webb’s investment in making Webb’s application and financial aid processes as well as the Webb experience more accessible and transparent over the past three years.

The record-breaking number of applications also resulted in a record-low acceptance rate, as seen in Figure 2. This year, only 18.5% of students who applied to Webb were admitted, and even more impressive is that for the past two years, Webb has joined a small and selective handful of colleges in the country with a yield rate of over 80%, meaning that over 80% of those who are accepted to Webb ultimately choose to enroll and join the Webb family.

This Fall, Webb looks forward to welcoming 28 impressive students to the Webb family. Academically, they are an exceptional group with a long list of accomplishments and passions that we hope they bring to Webb. We look forward to getting to know the Class of 2024 as well as embarking on some new and exciting recruitment efforts as we turn our sights to the Class of 2025 and beyond.

FIGURE 2



MEET THE CLASS OF 2024



20% are recognized as Eagle Scouts



71% participated in a water sport or activity.
The most popular include sailing/boating (50%) and swimming (18%) (others include: rowing, waterpolo, surfing, fishing)



86% have served as a captain, founder, president, chair, leader, or manager of a club, organization or sports team



92% are involved in athletics with representation from 21 different sports (sailing, swimming, soccer, tennis, cheerleading, weightlifting, track, cross country, golf, lacrosse, football, biking, skiing, wrestling, hockey, baseball, ultimate frisbee, badminton, fencing, waterpolo, and rowing)



42% play a musical instrument (voice, piano, drums, flute, ukulele, guitar, trombone, violin, trumpet, and cello)



1/3 participated in a robotics, battlebot, drone, Rube Goldberg, or animatronics Team



Arthur W. Schmidt '48

Maintaining the Webb legacy



This is not an achievement of mine, but just one case, out of 1,722 graduates so far, of achievement of William Webb. After graduating from Brooklyn Tech High School in 1942, I was drafted into the Navy, and spent a year at sea. I was a Quartermaster 2nd class on the *Luzon* ARG-2, a cargo ship converted into a repair ship in Baltimore. I helped put it in commission in 1943. Using the V-12 program, my captain then sent me back home, to attend college and become an officer. Mr. Webb provided a castle in the Bronx to play games and do homework in the towers. At the castle, I remember Admiral Rock the administrator, who was tall and thin with a thick head of white hair, and a loud whistle to warn the neighborhood kids “to get off my property.”

When we moved to Glen Cove, William Webb provided a 26-acre estate on Long Island Sound, to enjoy and mature in. We all volunteered labor to turn the estate into a school. All five of my classmates selected attaching the track to the towing tank for their class project. My job was to paint the garage floor with the surplus battleship gray that Admiral Robinson had acquired. With several freshmen, we poured the cans on the deck and used mops to swab. We later realized that cars were washed there, so the garage had a drainage system like a ship, all around the edge.

Webb provided me with the opportunity to start my career in Buships under John C. Niedermair '18, leader of the preliminary design (PD) section. This was just when Capt. Rickover started a submarine design (my assigned area) with a nuclear engine. Working alongside Ralph Lacey '37, I then spent five years designing submarines.

In 1955 I decided to try industry vs. government and asked Gibbs & Cox for a job. I was worried about telling JCN I was leaving, but his close friend Bill Gibbs had called him before making me an offer. Gibbs & Cox had only one Webbie before I arrived. Charles Thornhill '43 and I were the only two sent to computer school, which gave me the opportunity to spend a year using FORTRAN to speedily

do ship calculations and design a mast. After four years with Gibbs & Cox, I returned to NavSea, but no naval architecture jobs were available.

McNamara was SecDef during the 60s, and had new ideas:

- 1) each department was required to have a long-range plan; and
- 2) he modified ship design funds to become R&D.

I published the long-range plan for NavShips, and then became a project manager for ship concept design research. My assigned research area was ship survivability. During this time, I wrote 19 technical papers. John Nachtsheim '47 had replaced John Niedermair as head of PD.

During the 60s and 70s, using the G.I. bill, I received two master's degrees, from Adelphi University in New York, and American University in Washington, DC.

In 1980, I retired from the U.S. government and spent another four years with Gibbs & Cox, in Washington, DC. In 1983, I wrote another paper. That was followed by four years with Designers & Planners, who sent me to Ottawa for a year, to modify a Canadian destroyer.

When I was 80, a proud moment in my life came when my industrial arts teacher neighbor asked me to consult with his high school class on the Maryland state competition to design a 4' model cargo ship, which won first prize for five consecutive years, with five different groups of students, and with minimum direction. Mr. Webb had given me the ability to transfer knowledge.

Turning 96 in August 2020, I'm living comfortably in Londonderry on the Tred Avon in Easton, Maryland.

Message from the Dean:

A Semester Like No Other



Matthew R. Werner '95, PG'97
*Dean and ABS Chair of Naval
Architecture & Marine Engineering*

As the spring 2020 semester approached, the excitement over opening the Coach Academic Center (CAC) was building. After years of teamwork and effort, from concept, to construction, to outfitting, the students and faculty were finally going to have the opportunity to work in the new facility. My biggest concern during early January was whether the new furniture for the CAC would arrive in time for the first day of classes. (Most of it did not.) As our excitement was growing, so too were the storm clouds in Asia and Europe, as a virus that emerged from China spread throughout the world, bringing death and hardship with it.

By the first day of the semester, Webb was beginning to take initial steps to address concerns related to the spreading virus. It did not take long before New York

became a hotspot in the developing global pandemic, and with it the need for Webb to take more drastic action to protect the Webb community became clear. What would have been unthinkable a few weeks prior was to be a reality, as all Webb classes would be delivered remotely for the semester.

Over the course of five days, the faculty migrated all of Webb's courses to a remote format enabled by Zoom and Webb's learning management system. As the switch was being made, it was decided that Webb would do its best to continue the academic program with as little disruption as possible. This meant sticking with the academic calendar, the class schedule, Monday Lectures, continued submission and grading of student work, maintaining Webb's grading scheme, and the streaming of live course



The Juniors enjoying their workrooms during the first week of classes this spring.



Professor Neil Gallagher and students settling into the Sophomore Lecture Room. Please note these are not the new tables.

lectures. Concessions had to be made of course. Virtual labs replaced the hands-on lab exercises, thesis projects were modified, and faculty members posted virtual office hours in place of the open-door policy that has always been typical on the Webb campus. Some activities were unfortunately lost. The junior class trip to the Offshore Technology Conference and the senior class trip to CMA are just two examples.

So how did it go? All things considered; I think it went very well. The program content was covered and major milestones, such as the Junior Ship Design and Senior thesis, were achieved within the new learning environment. As a whole the students succeeded academically during the semester. Was it perfect? Absolutely not. Was it the same as the in-person version of Webb? No. Did everyone agree with the approach we took and all the decisions that were made? Of course not. Did we learn a lot? Sure did. Will Webb be able to handle whatever the fall 2020 semester brings? Definitely.

I want to acknowledge the outstanding efforts of the faculty, staff, and administration, whose hard work and commitment to Webb and Webb's students allowed the academic program to continue and succeed given the challenging situation. I feel so fortunate to be able to work with such a great team and thank them all for what they do for Webb. Similarly, the students rose to the challenge and made the best of a difficult situation. They continued to work hard throughout the semester, even as they struggled with endless hours in front of the computer, difficulties in collaborating with their peers, and developing quarantine fatigue. While there were frustrations, complaints, and some anger, the students still performed, learned, and achieved. The students' performance over this past semester is a testament to the quality of students that choose to come to Webb. And unlike many other colleges, the students' commitment to academic honesty was never in doubt.

I am an optimist by nature, and as such I find many positives coming from this experience. The faculty have developed new skills and techniques that will make them even better educators. I believe that the students having succeeded in such a challenging situation will have greater confidence in their ability to succeed at Webb and beyond. But most importantly, in my mind, is that we will all come away from this experience with a greater appreciation of how special the Webb community and environment really are.

I cannot begin to express how proud I am to have served as Dean for the great Webb family during this semester unlike any other.



The students fully utilizing Ruby Lounge and the conference rooms in the Couch Academic Center before the campus closed.



This year's Senior Wine 101 seminar was a bit different, with Abbott Weiss '63 providing commentary during a Zoom meeting as the seniors taste a variety of wines selected by Abbott from the Ruby Lounge or their home.

Theory – Ship Motions

- Definition: How a vessel moves in a seaway
- Head seas produce some of the largest ship motions
- Most significant responses: vertical motions
 - Heave
 - Pitch
 - Roll (small in head seas)

A technical diagram of a ship's hull cross-section. It shows three axes: Z (vertical), X (surge), and Y (sway). Arrows indicate the directions of motion: Heave (vertical), Pitch (rotation around the Y-axis), and Roll (rotation around the X-axis). The diagram is labeled 'Ship Motions Illustration' and 'Source: Maritime Manual'.

Thomas Linden '20 presenting his senior thesis to the Webb community via Zoom. All presentations are available on Webb's Vimeo page: <https://vimeo.com/webbinstitute>

Stuck@WEBB

By Isa Hill '20

A Sunset, as seen from the Bollinger Courtyard.

When the news hit that Webb was closing for the semester and that students would have to take classes remotely, it was a shock for everyone. We, at Webb, are not accustomed to change. For some, home was not an option due to an at-risk relative, hands-on thesis, or other reasons. Thankfully, our Webb family was here to help. Seventeen students stuck around on campus, and we experienced a whole new Webb.

First, nearly all of the staff left campus. Those of us who remained had to take on a lot of the responsibilities of the staff that can no longer come in to support the campus. Chef Rob still cooked during the week, but we took over evening cleanup and dishes and cooking our own meals on the weekends. Some of the staff who stayed on campus, including Josie, Marissa, President Michel, and Rhonda took on new chores as well.

Another new aspect of life on campus was that a small group took over the whole place, including the new building. We spread across campus to study, we had use of the whole school's pub and student kitchen (SK) stock, and we used every couch and television on campus. Some have taken this to a greater extreme than others.



A new set-up in the Senior Classroom.

Though so much was different, and the campus was quite a bit emptier, some things never change at Webb. For one thing, the beautiful campus bloomed in spring and transitioned into summer with no care for coronavirus.

Another thing that never changes is that we found ways to get away from our work. With the run of campus, and no way to leave, we have thrown some mini versions of spring parties and taken on campus improvement projects. Social Committee representative Mary McGuinness '20 planned a beach barbecue in place of Webbstock and a murder mystery party in place of the usual Gatsby-themed formal. Though these could never

substitute sharing the usual traditions with the rest of the school, they have helped us make our weekends fun!

Campus improvement has included cleaning out storage spaces and fixing broken things, as well as working on the Peggy Michel Memorial Gazebo. Most of the students and staff on campus have helped out with the gazebo. It has been rewarding to contribute to the campus and to learn about construction from President Michel, who has a love and talent for woodworking.



Construction on the Peggy Michel Memorial Gazebo.

We have missed the rest of our Webb family this semester, and we wish we could have had our usual spring party line-up, but we've found a new way to live at Webb. We have learned to adapt to the new Webb: to clean up after ourselves, to share everything from snacks to school supplies, to stay in touch with the outside world only through our computers (okay so not much has changed there), and to support each other through this crazy time. Though the semester didn't look quite like it normally does, the Webb family has continued both on and off-campus. All our love to our family, friends, and classmates at home!



The Murder Mystery Party, where Mike DeNapoli '20 was the killer.



By Ioana Mirica '22

Outside the WEBB Bubble

During my first weeks as a doe-eyed freshman, one of the upperclassmen shrewdly imparted the following wisdom: “Webb breaks you down, only to build you back up.” At the time, I had many nightmare scenarios to which this statement could allude—all-nighters spent grueling over homework, a critical breakdown of my workout regimen, even a quarter-life crisis or two. I admit that the thought of a pandemic in the middle of my college experience did not cross my mind.

Only two weeks after having reunited with the Webb family, I reloaded the contents of my dorm room into my Chevy Trax and completed the eleven-hour trek back to my home in Michigan. The transition to remote learning has not been easy for students or faculty. Part of what enables Webbies to be successful is that for a semester at a time, we are able to shut out the outside world and operate within the “Webb bubble.” Current events have all but burst that bubble.

My typical Webb routine has adjusted to accommodate for chores, cooking meals, and caring for my grandmother. While it took a bit of time for my parents to understand that I could not go to sleep simply because it was “late,” they are now accustomed to my unusual sleep schedule. A sticky note posted on my door reading “Do not disturb!!” signifies that I am in class. Apps like Zoom and Discord



Spontaneous family bonfire.

have allowed me to collaborate with classmates if I am having trouble with a homework assignment or am studying for a test. Professors have modified their teaching methods to be more suitable for online learning. Some have even allowed lectures to be recorded, an initiative of which my West Coast classmates are extremely appreciative. Some projects, like the Western Culture painting, have been altered.



I have found that motivation is far more difficult to cultivate in isolation and the uncertainty of the future can inspire overwhelming anxiety. To combat this I regularly seek the company of my family. Spontaneous bonfires and backyard picnics offer something to look forward to during the weekend. I have also rekindled old hobbies like drawing and reading and sparked new ones such as yoga.

If there is one thing that the spring semester of sophomore year has taught me, it is that not all experiences which unify and provide a sense of identity are enjoyable. Though far from ideal, the current situation has caused us to collectively reflect and adapt. It is unlikely that we will return to “normalcy” anytime soon. The Webb experience may no longer look as it used to, but we should not overlook the opportunity for change and growth.



Home-classroom set-up.

SD1:SHIP DESIGN

2020 JUNIOR SHIP DESIGN HIGHLIGHTS

by Bradley D. M. Golden '99, Assistant Professor of Naval Architecture

Each year, one of the highlights of the spring semester for our Junior class is the opportunity to participate in the small vessel design project. This project is a major milestone in their professional careers as naval architects and marine engineers since it's the first time they get to apply what they've been learning at Webb and during their winter work internships towards a complete vessel design.

Having spent the first three years learning about the different elements of ship design, including stability, structures, resistance, powering, machinery, piping systems, and electrical systems, this is their first opportunity to put all this information together into a concept design.

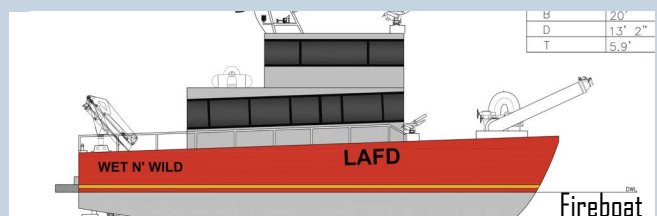
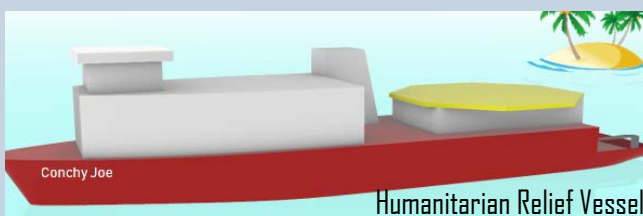
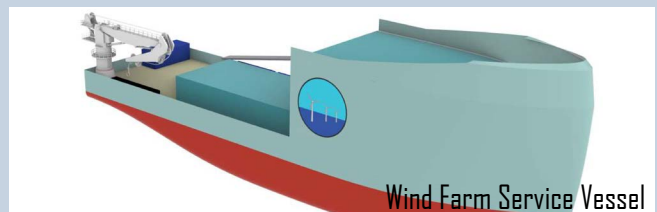
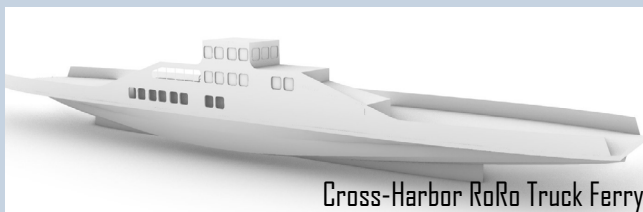
Working in small groups of three and four, the Class of 2021 produced six different vessel designs which they themselves helped select. With the help of industry experts, a statement of design requirements was prepared for each of the vessels, and the design teams were sent to work. Members of the Webb faculty and industry mentors helped each team along the way to develop their vessels. This year, the designs included:

- A cross-harbor RoRo truck ferry designed for the NYC Economic Development Corporation (NYCEDC) to help facilitate express courier and delivery services into and out of Manhattan.
- A humanitarian relief vessel intended to support the Bahamas Maritime Authority (BMA) and National Emergency Management Agency (NEMA) to respond to natural disasters around the Bahamas and the rest of the Caribbean.

- A wind farm service vessel with walk-to-work and crew transfer vessel capabilities to support the operation and maintenance of the developing offshore wind industry in the northeast United States.
- A medium-sized fireboat to serve the ports of Los Angeles and Long Beach to bridge the gap between the LAFD's existing large and small vessels.
- A salvage support vessel to respond to NOAA's efforts to remove oil remaining in a significant number of shipwrecks identified as being high- and medium-priority under the agency's Remediation of Underwater Legacy Environmental Threats (RULET) program.
- An LNG bunkering vessel to deliver LNG fuel from a new export terminal in Jacksonville, FL, to the passenger cruise ship sector operating in Miami, FL, and San Juan, Puerto Rico.

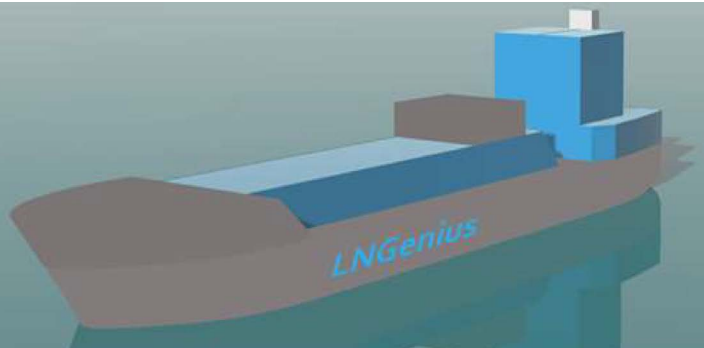
Although the members of the design groups were separated from each other as a result of the COVID-19 crisis, each of the groups was successful in producing a design for its vessel, and the designs were presented to a panel of industry evaluators in May. Traditionally, these presentations are given in-person but, again because of the global pandemic, the presentations were given in an online seminar that was watched by over 90 attendees.

While all of the groups can be commended for their efforts, two designs in particular stood out and are highlighted to the right.



LNGenius

(LNG Bunkering Vessel)



LNG Bunkering Solutions, consisting of Alec Bidwell, Oscar Como, Luke Herbermann, and Ben Hunt, designed the *LNGenius*, a self-propelled, 4,200 m³ LNG bunkering vessel.

A luxury hotel brand is about to enter the passenger cruise ship sector, and the company is currently building two new 2,000 passenger luxury cruising vessels for operation in the Caribbean. To meet emissions requirements and to demonstrate its commitment to the environment to its customers, both of these vessels are to be powered by dual-fuel engines which will be predominantly run on LNG.

To make this service possible, the vessels' owners have an agreement with an LNG terminal in Jacksonville, FL, that will be able to provide the quantity of fuel required. The

delivery of the fuel to the two vessels, one of which will be based in Miami, FL, and the other in San Juan, PR, will be the responsibility of the new cruise ship company. To accomplish this goal, the cruise company has commissioned LNG Bunkering Solutions to design a bunkering vessel that will be self-propelled and have onboard capacity for a one-week supply of fuel for both cruise ships.

Utilizing two independent Type C spherical-ended containment tanks and an LNG propulsion system of its own, other notable features of the design include port and starboard bunker manifolds, a 16-m-long knuckle-boom crane for hose handling, four pneumatic fenders with hydraulic davits for ship-to-ship transfer operations, a gas combustion unit for boil-off gas (BOG) management, and an LNG sub-cooler to minimize BOG production during transfer operations.

Cthulhu

(Salvage Support Vessel)



The *Cthulhu*, designed by Ian Cosic, Dillon Esposito-Kelley, Bret Sharman, and Cross Weeks, is a salvage support vessel whose primary purpose is to provide salvage services for NOAA's Remediation of Underwater Legacy Environmental Threats (RULET) program, to remove oil and other potentially harmful substances from shipwrecks that pose a substantial pollution threat.

The vessel is to be capable of operation along the U.S. East, West, and Gulf Coasts, as well as in the Great Lakes. The vessel is also to be capable of similar salvage operations worldwide, and is therefore to be capable of international voyages with no restrictions to operational area.

It is also desired that the vessel be capable of so-called "general" marine salvage operations, to maximize the versatility of the vessel and provide support services in

the event of a marine emergency. To this end, the salvage support vessel is also to be capable of towing a vessel casualty or deck barge, operate in shallow waters to assist with vessel groundings, launch and recover small RHIB boats for personnel transfers, and fuel removal operations. It is anticipated that the vessel would generally remain in operation on-site for a minimum of 14 days (up to 28 days depending on location of salvage), with crew transfers and replenishment possible by ship-to-ship operations.

With an overall length of 250 feet and beam of 75 feet, the vessel's design includes a subsurface oil recovery capacity of 2,000 m³, three-chamber hyperbaric system, work-class ROV, and 30 ton capacity deck crane. A DP3 system controls the vessel's 12 MW of installed power, and the oil extraction system utilizes a hot tap system.



When I was approached about writing the Freshman Spotlight this year, I was a little bit reluctant—not because I didn't want to share my experiences, but because upon my enrollment at Webb, I lacked a quality that many of my peers would consider necessary to apply: that is, I wasn't particularly interested in boats. I belong to a small contingent of Webbies who applied to and enrolled at Webb Institute not specifically for its acclaim in the maritime world. Rather, I found Webb to be an appealing school for its academic prestige and came to love the school through communicating with Admissions, reading student features and blog posts, and most notably, my prospective freshman (PF) experience. The PF system is undoubtedly the most unique part of the Webb admissions process, and spending a day on campus was so impactful to me that Webb went from a college that I wasn't seriously considering attending to my first-choice school.

When I arrived at Webb last fall, I didn't really expect that I would latch onto the maritime setting in the way that others in my class would. While the curriculum would take some time to grow on me, I still loved the engineering-focused curriculum and the collaborative atmosphere of my classroom. Even if I had been sold on boats coming in, I can't imagine that my semester would have been any more fulfilling than it already was, from the chaos of the Freshman Boat Competition to the excitement of our many NA1 field trips.

As much as I loved my first semester, I would not be able to truly appreciate the depth of a Webb education until my first Winter Work term, for which I secured a position at Resolve Magone Marine, a salvage yard in Dutch Harbor, Alaska. The ability to not only learn about but to see first-hand the unique challenges and jobs in a shipyard and salvage setting was incredible, and I was even allowed to board and work on their emergency response tugboat, *MV Resolve Pioneer*, when she went under way on jobs and drills.

My second semester took a chaotic turn pretty early on when the student body was sent home to wait out the

Learning to LOVE Boats

by Spencer Margosian '23

coronavirus pandemic, and while tackling an academic program as rigorous as Webb's was no easy feat, our small size and close-knit nature made an extremely difficult transition far easier than it could have been. As frustrating as the hiccups along the way may have been, I'm incredibly proud of my peers and our faculty for surmounting the difficulties that we have faced this year.

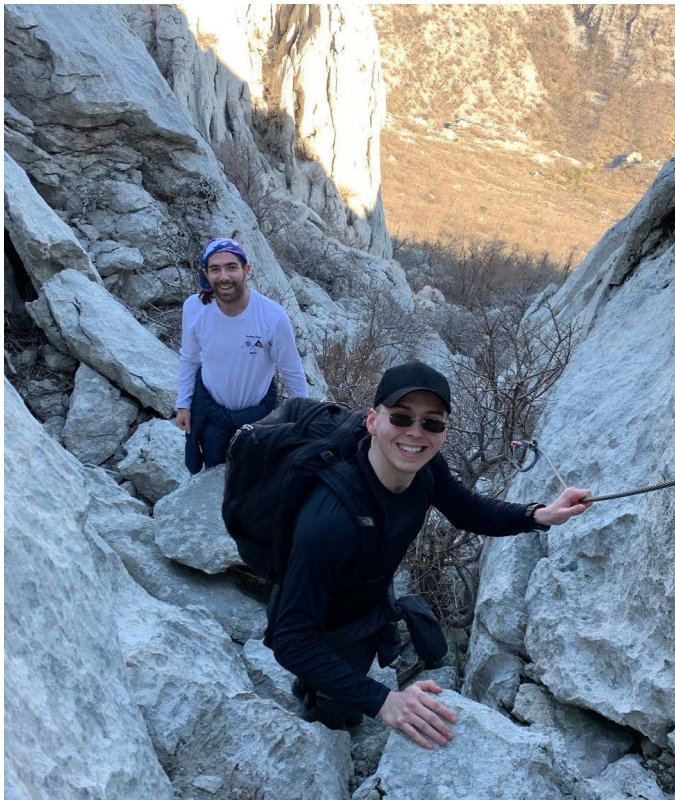
I'd be lying if I said that I was completely sold on the maritime industry even after two amazing semesters, but with that said, my interest in the field has surely grown since I arrived last year—hence the name of my segment—and that interest grows with every class I take. Who knows; by the time I graduate in 2023, I may well never want to touch land again!



Spencer with his fellow co-workers at Resolve Magone Marine.



Spencer with classmates during a field trip to Philly Shipyards.



Jackson Juska and Ian Cosic climbing in Paklenica National Park.



Jack Becker on the Kvarner coastline.



Jackson Juska in Paklenica National Park.



Tired of the western hemisphere, three Webbies decided to strike out across the Atlantic for opportunities on the Adriatic. Croatia was a country that none of us had really thought about before finding ourselves in the port city of Rijeka, but we quickly acclimated to our positions in the Metal Shark office and our new European lives.

The office was reminiscent of a Webb classroom, with an inviting open floor plan and people regularly collaborating and laughing together. Lunch was always exciting, with local food being brought in every day. We would usually spend the time learning more about Croatia and about the lives of everybody in the office, and often were asked questions about the US.

We hung out with our colleagues from the office after work, on the weekends, and during local festivals. Everyone we worked with went out of their way to make us feel like we were family, and our coworkers constantly suggested ways we could see and experience the country they loved to call home. They also gave us some helpful pointers on the locations and on local traffic rules.

We climbed mountains, fell in love with frozen waterfalls, explored islands, wandered ancient ruins, stayed in a really creepy hostel, fed zebras, skied the Swiss Alps, fished for an eel, and had some of the best food of our lives. Croatia was everything that we could have imagined, and so much more. Thank you to Webb, thank you to Metal Shark, and thank you to the wonderful people in the Croatia office who supported us in our crazy adventures.



A TECHNICAL DESCRIPTION AND COMPARISON OF RENAISSANCE PERIOD VENETIAN SHIP CONSTRUCTION TO LIBERTY SHIP CONSTRUCTION

Authors:

Christopher Bal &
Harrison Tack

Principal Adviser:

Professor Richard Harris



Christopher Bal



Harrison Tack

ABSTRACT

Principles of workforce management, assembly-line practices, and the development of interchangeable parts are heralded as modern innovations; however, the Arsenale de Venezia, a Renaissance-era shipyard in Venice, Italy, employed these practices as early as the 15th-century. This thesis researches and evaluates the accomplishments of the Venetians by comparing the ship construction in the Arsenale to the construction in a modern example: the construction of Liberty Ships during WWII. It was determined that the aforementioned production practices should be attributed to the Venetians. However, certain processes implemented by the Liberty Ship shipyards which were not, or were unable to be, implemented in the Arsenale might have increased productivity. The organizational and production processes employed by the Renaissance Venetians were remarkable for their time. Recommendations for future work include further exploration into productivity of Liberty Ship producing shipyards as well as comparisons of the Arsenale to modern Chinese or Korean shipyards.

OBJECTIVES

The first objective of this thesis was to identify important advancements in production (not just in [ship building] but in all forms of production). These advancements would then be broken down to their core components which can be analyzed with a specific focus on shipbuilding. These components were found to be the

“Management Hierarchy,” “Production Processes,” and “Supply Chain Management.” Additionally, this thesis took the identified core components of an efficient ship production process and analyzed how they facilitated the streamlined construction of ships in the Arsenale and the construction of Liberty Ships during World War II.

SUMMARY OF FINDINGS

The Arsenale’s governing body was comprised of a complex hierarchy extending from Venice’s chief governing body, the Council of Ten, to simple supervisors who oversaw their teams in the Arsenale. As an example of Liberty Ship production, the Marinship shipyard in Sausalito, CA, was analyzed. In this yard supervisors led groups of workers through specific tasks within the yard. At a high-level, the shipyard was overseen by US Navy Admiral Emory S. Land, who was tasked with the management of all 33 Liberty Ship shipyards around the country.

The Arsenale used their canals as a simplified moving-assembly line where a hull was floated between warehouses to be outfitted with the necessary equipment. In each of these warehouses stockpiles of interchangeable parts were available which were produced by specialized laborers. The management of specific components production extended to all levels of production such as acquisition of lumber, growing of hemp for cordage and sail production, and production of gunpowder. While the Arsenale devoted a large portion of its available resources

to outfitting, this same process was highly condensed in the Marinship Sausalito shipyard. The Marinship Sausalito shipyard utilized a “straight-line” production process whereby components were ordered and shipped to the yard as needed. It was noticed that if the Arsenale had implemented a straight-production process, similar to that employed at the Marinship Sausalito Shipyard, the Arsenale could have decreased labor requirements, as less time would be spent searching for components.

CONCLUSIONS

Based on the comparison of Venetian processes against those used in United States’ Liberty Ship construction, it was determined that there were notable differences between the two shipyards; however, the differences were due to the technological gap between the shipyards and not a lack of ingenuity from the Venetians. The Venetian ship construction process exhibited management structures, assembly-line processes, and supply chain management that closely resemble those explored by Eli Whitney, Frederick Taylor, and Henry Ford. For these reasons the Arsenale deserves credit for what it managed to accomplish during the Renaissance.

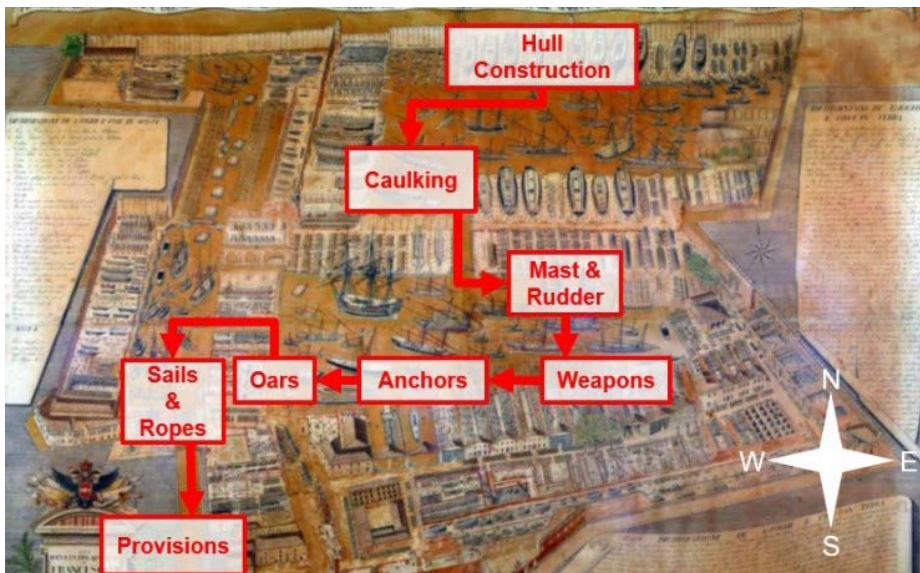
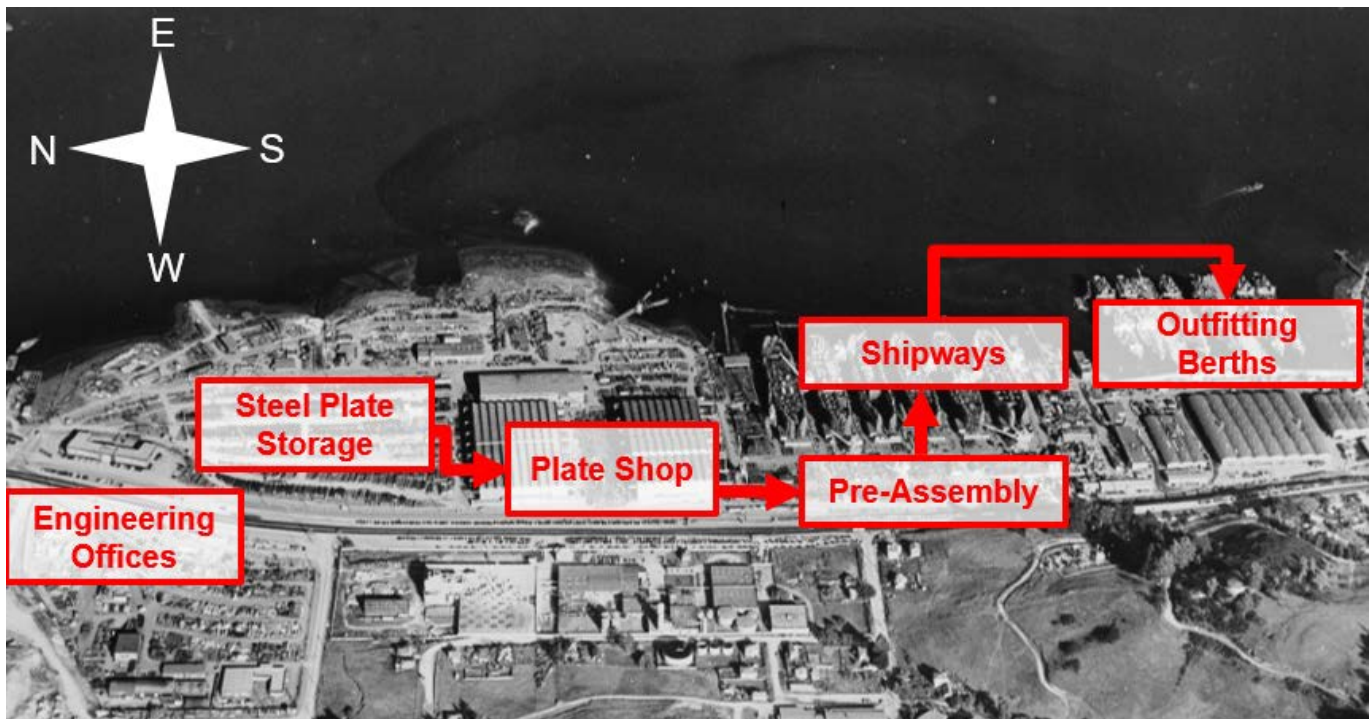


Figure 1 (left): Arsenale de Venezia Production Process
Source: Roser, Christoph

Figure 2 below): Marinship Sausalito Shipyard Production Process
Map provided by: history.navy.mil



Message from the S.O. President:

A Year in Review



Isa Hill '20
Student Organization President

Webb has always been a *unique* place (some would prefer the word “weird”), but this year has been out of the ordinary even for us. The end of 2019 was full of changes to the campus, and 2020 has brought new challenges with remote learning. With COVID19, the spring did not look like a typical semester at Webb. But to talk about the year in review, we have to start in the fall.

At the start of the fall semester, 28 new personalities joined the family and faced their first engineering challenge with the freshman boat project! They rose to the occasion and were creative with their propulsion methods. As the semester progressed, they experienced their first Webb Halloween Party, Casino Night, and all kinds of Webb traditions.

Next came the opening of the Couch Academic Center, an exciting change for the whole Webb Community. The students saw more people on campus than ever before, what I am guessing was the first Webb-themed drone show, and an unveiling of the amazing statue of William H. Webb.

One thing that this year had in common with every year at Webb is that the whole community is committed



Out to Sea for the Freshman Boat Competition.

to making Webb a better place! The building itself is a testament to the dedication of our alumni and generous donors, as well as the hard work of our faculty and staff. Additionally, there was no shortage of student volunteers ready to help with the ceremony. Throughout the weekend, students committed their time to help make the event special for all those who gave their time and money to further develop our campus.

After a semester of traditions and new beginnings, we all shuffled off to work for the Winter of 2020. Winter Work is a favorite time for many Webbies as an opportunity to learn, explore the world, and meet alumni and industry professionals.

Once the spring semester began, there was some anxiety surrounding the severity of the COVID19 crisis. After only a couple of weeks of the semester, which included Ski Trip and the 100-days-until-graduation party, the



Quite a crowd at the opening of the Couch Academic Center.



Just a few of the students who volunteered at the Couch Academic Center Ribbon-cutting.

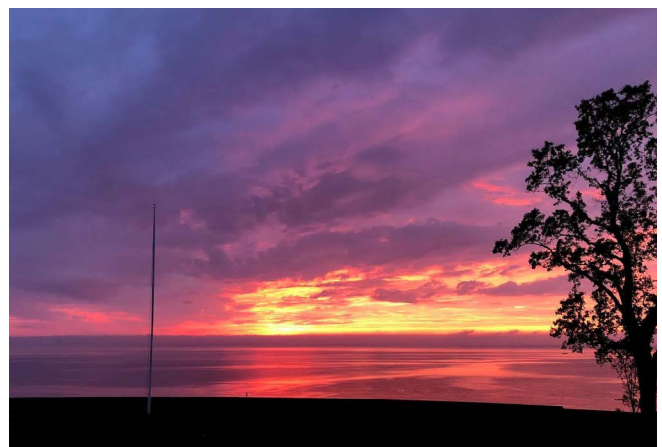
student body learned that there would be a full transition to remote learning. This was a shock to all of us, given that the very definition of a Webb education, to most, revolves around the classroom environment. With the student body spread across the country, we had to adjust to learning away from our classmates and professors.

Once we transitioned to remote learning, we learned how to use Zoom to learn and how to communicate with our classmates in a new way, after having adjusted in previous years to just walking over to their desks. Ship Design I and thesis presentations were given over Zoom instead of in a room full of people, and parties were missed or substituted with Zoom ragers. The Student Organization had to conduct meetings and elections online and learn how to make improvements without meeting in the same room. Though 17 students spent the whole semester on campus, the rest of the student body was not together.

This semester has put into perspective the value of Webb's atmosphere. Webb is not only a place for education, but a place to grow and build relationships. We have found ways to make it through this time apart, but we know that we need to get back together when we can. Until then, we will do our best to connect, support each other, and learn from a distance.



A group of Webb students and alumni in New Orleans.



One of my last sunsets as a Webb student.

Campus News

SoCo A Year in Review

It's hard to remember a time when students could gather in groups larger than 10 or stand closer than six feet apart (albeit if actually desired). Many weeks ago, however, in the fall semester of 2019, Webb students and Social Committee members were blissfully unaware of what was to come the next year. The fall semester's lineup of social events was full of mask-free parties, communal snack buffets, and only the bottled type of Corona. The first big event of the semester was a Decades Party, featuring a surprise performance from Webb's very own 90s boy band.

Late in September, students packed into the Brocket Arms Pub for a stand-up comedy night featuring local comedians. October brought a class vs. class pumpkin carving contest and a Halloween party in the pub thrown by the Class of 2023. For Columbus Day weekend, a group of students traveled to upstate New York for a camping trip and a day spent in the trees at the Adirondack Extreme ropes course.

In November, the Class of 2020 transformed the Reception Room at Webb into a casino floor with blackjack, poker, and roulette for the annual Casino Night party. The gymnasium also hosted live-action betting on horse racing, arm wrestling, and oil drum "bull" riding.

Finally, the year concluded with a Christmas Party and a visit from Santa and his helper, Salty the Elf.

Other events throughout the semester included a back-to-school beach social, Lord of the Rings complete trilogy movie night (which went into early morning), board game night, and a finals week study-break party. Off campus trips were also organized to remind students of life outside of Webb, including trips to New York City, a Mets game, apple picking, and a trampoline park. Students also went to the movie theater to watch "Joker," part of which was filmed at Webb.

The spring semester began with high hopes: the Gatsby band was booked and Webbstock bands were being scouted just before the coronavirus lockdown brought things to a halt. However, in the three weeks before students were sent home, some events were squeezed in like an ice skating trip, Pi Day pie contest, board game night, and a last minute St. Patrick's Day party.

Despite the abrupt end to our on-campus semester, SoCo continued to provide Webbies with entertainment remotely, through movie nights, pub trivia, and weekly caption contests. The past year has been fun, and a little exciting, and we are looking forward to our eventual return to campus to keep the parties going.

- Mary McGuinness '20 and Lina Tenenbaum '21



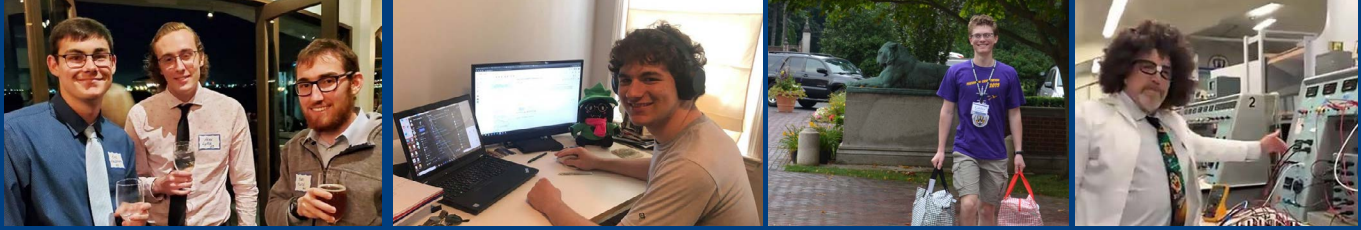
Decades party, featuring Webb's boy band (below).



Playing cards during Casino Night.



Pies of all kinds were available on Pi Day.



ANCHOR CLUB:

Seeking God While Pursuing Education

The Anchor Club is a group of Christian students who gather weekly to encourage each other in their faith and to honor God in the midst of an often-hectic lifestyle of study.

The gathering of Christian students on Webb's campus hasn't happened much this semester, but it did get off to an interesting start. On March 15, desiring to limit off-campus contact, students arranged what local pastor David Collins '73 believes is the first church service ever held on-campus at Webb Institute. Pastor Collins, via a Zoom call from his house in Sea Cliff, led the seven students who gathered in Webb's Advanced Learning Center ("the ALC") in a non-denominational service open to both Catholics and Protestants. Jonathan Wang '20 led worship with his playing on the guitar, and Pastor Collins preached a sermon, "Unity in Love," on Philippians 1:1-8. The Office of Admissions and Student Affairs helped students plan the service, which was expected to become a weekly event during Webb's planned isolation of the

campus. The very next day, however, in the face of the developing outbreak conditions in New York, Webb took the difficult step of moving to online learning, and Webb students dispersed to adapt to new methods of remote learning.

Anchor Club typically meets twice a week while students are on campus, hosting Bible studies and praise times in the middle of the week. Why do students meet regularly during the week, in addition to attending services in the local community on weekends? It's because we're so easily distracted, in the bustle of a rigorous naval architecture and marine engineering program, from what matters most: the God who loves us. Anchor Club helps us remember, honor, and love our Lord, through the fellowship he gives us in His Spirit. While we may be separate for the time being, I look forward to the day when I can meet once again with my brothers and sisters from Webb Institute and lift my voice with theirs to praise the One who offers salvation through the sacrifice and resurrection of His Blessed Son, Jesus Christ.

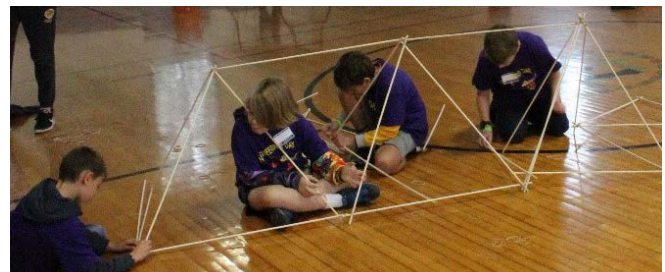
- Dan Desio '21

LEADERSHIP COMMITTEE

This past year, Leadership Committee has continued to contribute to both the Webb campus and our outside community through a variety of volunteering activities.

Leadership Committee ended the 2019 spring semester with an ice cream social to celebrate and appreciate the amazing ways in which both the faculty and staff make student life at Webb so unique and valuable. For the event, Shannon Liu '21 created a slideshow, in which each member of the faculty and staff was portrayed as a superhero that reflected their "superpower" in making Webb such an amazing place.

As per usual, Engineering Day proved to be both an extremely fulfilling (and exhausting) experience for all involved! Because of our spring 2019 "Shark Tank," in which students presented potential experiments to a panel of judges, this November's Engineering Day had a particularly strong and diverse set of experiments. Among these experiments was a structures project submitted by Professor Bradley Golden's daughter.



Engineering Day Students at the Structures Station.

In the 2019 Fall Semester, Leadership Committee put a large emphasis on analyzing the skills necessary to make a successful leader. Participating students were encouraged to share with the committee each of the tools that they had implemented to carry out a given event. Some students cited communication as the contributing factor to their success, while others attributed their success to proper organization. These exercises encouraged members of the committee to collaborate with each other and learn from their fellow leaders.

I could not be prouder of the work and passion that goes into Leadership Committee each year, and I am excited to see what this upcoming year has in store!

- Juliette Lehman '22

Athletics

ATHLETICS | RECAP 2019-20

SOCCER

Coach: Phil Schools

Captains: Audra Milbitz '20, Sean Healy '21, Dan Desio '21, Toni-Marie Gossage '22

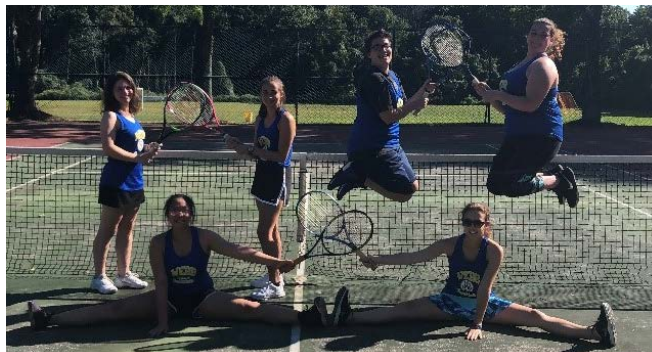
The Webb soccer team once again showed why athletics is so important and showed how Webb students always give their best. The Webb soccer team practiced regularly on the front lawn to do their best and compete against schools with recruited athletes. Captains Audra Milbitz and Sean Healy have been team members for four years, and their leadership led the way to another full season of games. The team enjoyed an overnight trip and game in the Philadelphia area to play Manor College.

MEN'S BASKETBALL

Coach: Richard Harris

Captains: Luke Herbermann '21, Liam Keady '22

Webb's basketball team played a full fall season and kept their home fans entertained with great play by a very young squad. The team says goodbye to Seniors Audra Milbitz and Max Pierce as they played against some very tough teams this past fall. The team was competitive the entire season, and Coach Richard Harris looks forward to next season with a full year under his team's young belts!



WOMEN'S TENNIS

Coach: Galen Ng '20

Captains: Seniors Renee Tremblay, Linda Waters, Isa Hill

The Women's Tennis team was very successful once again, as they won three matches on our home courts. The Senior trio of captains kept the team focused, as they enjoyed the newly refurbished tennis courts on campus!

WOMEN'S BASKETBALL

Coach: Richard Harris

Captains: Audra Milbitz '20, Isa Hill '20, Mara DuVernois '20, Toni-Marie Gossage '22

The Lady Webbies played very well in the Fall season. They enjoyed a game and an overnight in beautiful upstate New York near Lake George against the Word of Life College. We say goodbye to three Seniors, Audra Milbitz, Isa Hill, and Mara DuVernois who helped keep the team together for another full season.

- Pat Doherty

SPRING SPORTS

When students left Webb Institute early this spring, they took with them the hopes and aspirations of another awesome spring sports season. That is not to say that students both on and off campus have given up on athletics. Off campus, students have taken up a variety of activities to stay active during this quarantine; including running, biking, kayaking, sailing, yoga, among others which are allowing students to get outside while socially distancing themselves. Those remaining on campus have put the Alumni Gymnasium to extensive use for both working out and intramural athletics.

Between the convenience of having a private course on campus and the fact that it is one of the fastest growing sports in the country, it



Zane Tinnell and Max Pierce during one of many disc golf excursions.



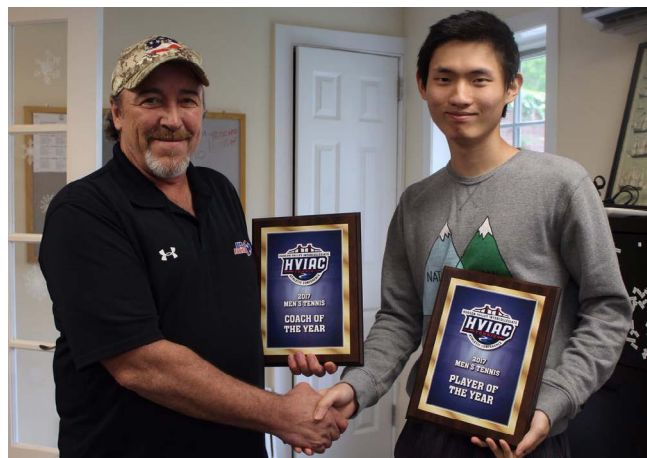
My Webb Tennis Career Reflection

As I reflect on my collegiate tennis career, I realized how fortunate I was to be part of Webb tennis. I'm glad I was a part of the historic team that won back-to-back conference titles, but I'm especially glad I was able to experience the unique Webb tennis culture with great teammates and, of course, the amazing coach.

Winning conference championships was definitely great, but the highlight of Webb tennis, for me, was experiencing its unique culture. I'm going to miss practicing in flip flops, giving motivational speeches, and doing many other quirky little things. The nonchalant vibe, yet a drive to compete hard in matches, makes Webb tennis special, and I believe this unique culture helped the team achieve its current success. Nothing felt forced; no one judged if you skipped practice to focus on academics. I believe this attitude created an environment for people to purely enjoy the game, which I believe naturally helped us improve and eventually win conference titles.

It was fun to observe the growth in Webb tennis while still maintaining the unique, chill vibe. Webb tennis provided me a space where I didn't think about schoolwork and just smacked yellow balls with my teammates. I hope Webb tennis continues to provide such an environment in the future. I'm going to miss being part of the Webb tennis team; when I visit Webb after I graduate, I will make sure to bring a racket to smack fuzzy yellow balls with my fellow Webbies.

- Duane Lee '20



COACH'S CONTRIBUTION:

**Yes, champions again for the 2nd straight year,
And their three-peat denied by the Corona fear.**

**We say goodbye to Senior Captain Duane Lee,
the BEST tennis team leader in Webb history!**

**We salute the team, there's always next year.
We'll get through this and we will persevere!!!**



Night Disc Golf!

is no surprise that disc golf has become a go-to activity for students looking to get outside. Most everyone on campus, including President Michel, has taken a crack at Webb's course. Challenging yet rewarding, disc golf at Webb gets students out of the classroom and appreciating their campus. There are certainly no issues with maintaining social distancing protocols while scouring the bushes looking for a disc. With a little bit of creativity and some glow sticks, students were even able to enjoy the sport with the added challenge of playing under the moonlight. And as the campus landscaping is being put back together, a group of students have taken it upon themselves to redesign the course. The hope is that the new course will continue to provide Webb students an opportunity to try something new, allow them to develop their skills, all while being fun for players of all skill levels.

- LJ Bock '20

Athletics



It takes only four sailors to field a college double-handed team. At Webb, sports are often viewed under the “Webb factor,” the idea that “correcting” for the size of our small student body compared to other institutions shows our athletic teams perform admirably against seemingly insurmountable odds, *Webb Institute: A True Underdog Story*. Four years of Webb and Webb sailing have taught me we are anything but an underdog.

In our own little world, it's easy to rationalize that Webb is different and that comparisons to other schools are unfair for one reason or another. Webb's dinghy team competes every year against the national field, from Yale to Penn State to the Naval Academy, and we compete as equals: no special treatment, no rationalization of our performance's relative quality. We show year in and year out that we can and will compete against anyone, judging ourselves by the same standards. It is fundamental that we go head to head on the same field and take our wins and losses on our absolute merit. When we get on the water against any school in the country, we prove, that despite our size, not for our size, we are equals with all colleges. By competing without exception, we prove ourselves exceptional.

I am profoundly grateful for my time on the Webb Sailing



At the Central Early Fall Qualifier.

Team for the opportunity it gave me to collaborate with a group of supremely motivated individuals all with the common goal of elevating ourselves to the standard and refusing excuses about competition being unfair.

When I lose, I don't want an asterisk.

- Matt Miglio '20

SMALL BOAT DINGHY SAILING

The Webb Institute sailing team had an eventful first semester and competed in six dinghy regattas this fall. Off the previous year's success at the War Memorial and America Trophy, Webb qualified for the Fall Showcase Series (fall equivalent of fleet race nationals) for the first time as one of the top teams in MAISA. At this event, we performed competitively and ranked well. The team worked hard to improve throughout the season by developing newer members and encouraging involvement at practices. This is the first year the team was invited to compete in the McMillan Cup trying to qualify for the Kennedy Cup (offshore nationals). While unable to qualify this year, the team is hoping to be invited again to earn our spot into the Kennedy Cup in the future. Unfortunately, with the outbreak of COVID-19, the spring season was canceled this year, but the team is looking forward to getting back out on the water as soon as it is safe to do so.

- Ryan Flanagan '21



Webb's Sailing Team at the War Memorial Regatta in 2019.



OFFSHORE SAILING

The past year has been an exciting one for the Webb Offshore Sailing Team. We started our fall season with a strong 1st in class and 2nd overall finish in the Vineyard Race, a 238-mile overnight race. The team raced on our Custom 40, *Desperado*. The team consisted of seven students, three coaches, and Professor Richard Royce. The students gave the race their all, with four different students taking turns driving the boat and nobody getting much sleep. We continued the season's success at the American Fall Series in the team's Ker 11.5, *Peacemaker*. The team posted seven first-place finishes over the eleven-race series, winning our class.

The team was given the opportunity to train and race on two Figaro 2s owned by the College Offshore Sailing Circuit (COSC). COSC is a new non-profit organization looking to increase the offshore sailing skill in the United States. In addition to the two Figaros at Webb, SUNY Maritime and the Merchant Marine Academy have also received Figaros from COSC. The Figaros have proved to be perfect learning platforms for the team. We got the chance to race our Figaros against other colleges at the Intercollegiate Offshore Regatta, placing first and third in the event. The Figaros have allowed the team to practice more than ever and get people of all skill levels learning on the water. Students logged over 2,511 nautical miles collectively on the team's two Figaros during the fall season.

The team finished the season strong with the team's first appearance in the McMillan Cup at the United States



Navy regatta on the Navy 44.

Naval Academy. The McMillan Cup brings the top college keelboat sailors in the United States together to race on the Naval Academy's Navy 44. The team struggled the first day to learn how to sail the completely unknown and unwieldy Navy 44 on the fly. Our hard work was rewarded on the second day with a first-place finish in race 5. We were one of only three teams to record a first-place finish over the course of the event.

The team was excited to continue training on the Figaros and preparing for the 2020 Newport to Bermuda Race this spring. Unfortunately, with the COVID-19 pandemic, our season was ended before it was even started. Although the team is disappointed, we are already looking ahead to next fall. We are excited to get back on water and build on the progress we made in the fall season.

It has been my honor to lead the Offshore Sailing Team for the last two years. It has been my pleasure to watch this team grow over that time. My teammates never cease to amaze me with their ability to rise to a challenge and adapt to new circumstances.

-Ben Hunt '21, Offshore Sailing Captain



Webb's new figaros.



Peacemaker during the American Fall Series.

Webb Alumni Association Report:

Continuing our Mission to Build a Stronger Community



Vicky Dlugokecki '88
President of the Webb Alumni Association

President of the WAA at last... and I was historically voted in via our very first virtual Annual Meeting using Zoom, one of our best attended Annual Meetings in memory, with over 125 participants! It has been 10 years since I first assumed the duties of Secretary/Treasurer of the Webb Alumni Association (WAA), most of that time as the WAA Treasurer. A lot has happened in those 10 years. Thinking back, when I began this journey, Admiral Olsen was president, Roger Compton '61 was Dean, and John Malone '71 was Alumni Fund Chairperson. Since then, we increased the number of volunteers on the Webb Alumni Association Executive Committee, Webb increased the size of incoming classes, and we increased our Webb Alumni Fund contributions by more than double from \$1 million to over \$2.5 million! Heck, we even increased the size of the school, with the addition of that gorgeous Couch Academic Center. But I don't want to dwell on the past.

If you are like me, I'm sure that you've heard and read the word "community" more than ever during these last few months of this global coronavirus pandemic. But for us Webbies, "community" has been a way of life since we've been in school. In these past years of my participation on the WAA Executive Committee, the WAA has

been on a mission to try to build an even stronger Webb Community, and in my next two years in office, the WAA will continue on that path.

I'm sure that many of you already know about our Webb Alumni Mentoring Program. Since the Class of 2017, students have been paired with alumni mentors. This year, the entire class of 2021, a total of 21 students participated in the mentor program. We currently have a pool of roughly 80 mentors, but are always looking for additional volunteers.

Prior to the coronavirus pandemic, we were lucky enough to hold thirteen Webb community gatherings all over the country, and in Europe. These events brought together over 300 alumni, current and future students, Webb parents, and other extended members of the Webb family.

If you haven't checked-out Webb's website recently, you should. From the Webb Institute homepage, you can get to Alumni Relations from the "Our Story" pull down. In addition to some WAA administrative information, you can also read up on past Alumni Spotlights or keep up-to-date with Alumni in the Media. Another great alumni resource is the Community Portal, which you can get

WAA EXECUTIVE COMMITTEE

Vicky Dlugokecki '88
President

Ted Dickenson '92
Vice President

Jacob Genauer '10
Secretary

Leah Sosa '08
Treasurer

Erin Hub '16
Fifth Member

Alana Duerr '08
Sixth Member

Jake M. Neuman '93
Chairman, Alumni Fund

Ian Mutnick '96
Past President

Matthew R. Werner '95, PG'97
Historian

Spencer Schilling '82
Member at Large

Joe Signorelli '54
Member at Large

Sean Murphy '13
Member at Large

Mike Hutchings '95
Audit Committee

Mike Abbruscato '11
Audit Committee

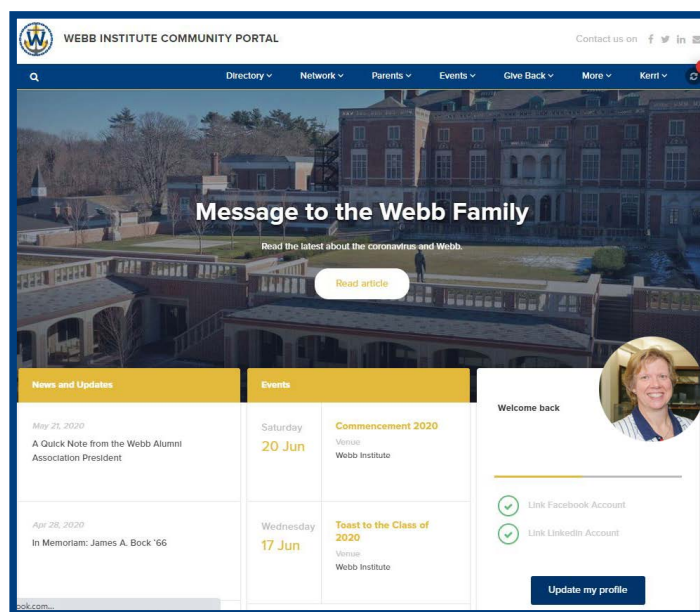
Ethan Wiseman '11
Nominating Committee

Jon Dowsett '09
Nominating Committee

to either from the Webb Institute homepage, or from the Alumni Relations page. Find old friends, check out the Career Center, volunteer to mentor, or reminisce over some photos of past Webb events or upload photos of your own. It's definitely a rabbit-hole worth going down. You can also check out our social media, including the WAA Facebook Group, and Webb Institute's Facebook, Linked-In and Twitter accounts. There's also Vimeo and YouTube accounts for Webb-related videos and SmugMug for additional Webb campus event photos and videos. If you haven't seen the Giving Day 2020 video, I would definitely recommend it!

This would typically be where I would say something about looking forward to seeing alumni and friends of Webb at the WAA Annual Banquet, traditionally held during the SNAME Maritime Convention, this year at the end of September/early October in Houston, TX. As I'm sure many of you already know, SNAME announced that this year's event will be fully virtual, and the WAA will follow suit, with a "virtual" WAA Annual Banquet. The WAA Executive Committee is working on the details (i.e. there won't be any food) and will let you know our plans as soon as they are finalized.

Stay Safe and Healthy!



Screen capture of the Community Portal where you have access to alumni profiles, interactive map, career center, and photo collections.

URL: <https://community.webb.edu>

For questions and help: please contact Kerri Allegretta at: kallegretta@webb.edu

MOBIL DAYLIGHT RECHRISTENING

by Kathie & Curt Jr. Townshend



The Mobil Daylight was originally built in 1963 in Sasebo, Japan, as a 101,000 deadweight oil tanker, then was enlarged in 1973 to a 120,000 LT deadweight. At the time the ship was jumboized and launched in Yokohama, Curt Townshend '53 was manager of Mobil Oil Corporation's U.S. Marine Operations and was responsible for design, construction, repair, and operation of its domestic and international tanker fleet. As such, he worked closely with Mitsubishi Industries Ltd., the shipyard that enlarged the vessel. As his wife, I was honored and thrilled when invited to be godmother and to officially rechristen the ship! It was an exciting and somewhat nerve-wracking experience, as I was told it would be bad luck for the ship and crew if the champagne bottle did not shatter on the first attempt. Thankfully it did!

When the Mobil Daylight was sold by Mobil Oil Corp. several years later, my husband received the ship's brass bell in remembrance. Eventually the brass lost its luster and our family decided to have it refinished and in his memory to share its beauty with Webb, the school that enabled Curt to spend his professional years in the marine industry he loved so much.

Pictured: Curt Jr., the day he presented the bell to Webb.

REGIONAL EVENTS

Bringing together generations of Webbies

by Alana Duerr '08

Prior to the COVID-19 global pandemic, we were lucky enough to hold thirteen Webb family gatherings all over the country and in Europe. These events brought together over 300 alumni, current and future students, Webb parents, and other extended members of the Webb family, to meet or reconnect with each other and to hear about the close of the *Campaign for Webb* and the opening of the Couch Academic Center.

Starting in mid-January, a combination of President Michel '73, Dean Werner '95 & PG'97, and Anthony Zic attended 13 different events, starting in California and ending in Maine. President Michel went on a whirlwind tour to be physically present at all these meetings, with Dean Werner attending over half, and Anthony attending four. We're all glad that they were able to spend time with the Webb Community this winter while also managing to stay healthy.

Events took place in California (San Diego, Northern California), Florida (Vero Beach and Ft. Lauderdale), New Orleans, Seattle, Portland (Oregon), Rotterdam, Houston, Annapolis, Groton, Boston, and Bath (Maine). They ranged from small events of fewer than 10 (Vero Beach, Portland) to over 30 (San Diego, Ft. Lauderdale, Seattle, Houston, Annapolis, and Groton), spanning seven decades of Webbies from the Class of 1954 to newly admitted Class of 2024. Keith, Matt, and Anthony were on hand to present the happenings from Webb, while all enjoyed each other's company over delicious food and drinks.

Unfortunately, events planned for New York City, Washington D.C., Hampton Roads, Wisconsin, and Denver were unable to take place due to ensure the health and safety of all the Webb community. We hope to revisit these events when it is socially responsible to do so.

The Webb Alumni Association wishes to thank the following alumni who were involved in the planning and execution of these events,

especially: Nick Ratinaud and John Malone '71 (San Diego), Spencer Schilling '82 (San Francisco), John Paul '69 (Vero Beach), Dylan Froriep '16 (Fort Lauderdale), Chris Allard '04 (New Orleans), Matt Tedesco '91 (Seattle), John Russell '67 (Portland), Mark Martecchini '79 and Leah Sosa '08 (Rotterdam), Chris Licato '15 (Houston), Jen '91 and Tom Waters '89 (Annapolis), Chick Corrado '83 and Erin Hub '16 (Groton), Ian Mutnick '96 and Dave Bovet '70 (Boston), Russ Hoffman '74 (Bath), Jon Dowsett '09 (NYC), Alana Duerr '08 (D.C.), Mark Pudlo '87 (Wisconsin), Gene Schorsch '52 (Denver), and TJ Brackin '16 (Hampton Roads). Of course, the WAA is especially grateful to Gailmarie Sujecki and Kerri Allegretta, who provided extensive organizational, logistics, and outreach support.



Rotterdam Regional Event



San Diego Regional Event



John W. Russell '67

2019 W. SELKIRK OWEN AWARD RECIPIENT

The Webb Alumni Association is pleased to present the fifty-fourth William Selkirk Owen Award to John W. Russell, in Tacoma, Washington, on November 1, 2019.

John graduated from Webb in 1967 and then headed north to attend Harvard Business School. Following his graduation from Harvard Business School, John returned to Portland as General Manager and, eventually, Partner of Melvin Mark Properties, which at the time was the largest owner of office space in Oregon.

John was a partner in the redevelopment of two significant historic buildings and a new 250,000sf Class A office building, which opened at 100 percent occupancy with no pre-leasing.

John sold out his interest in the Mark properties in 1979 to form his own company. John developed the 500,000sf Pacwest Center as headquarters for an Oregon-based bank.

John selected Hugh Stubbins, the architect of Citicorp Center in New York City, to be the building's architect. The building achieved a remarkable success in the marketplace, and in 1997 *The Wall Street Journal* named Pacwest Center one of the ten top towers in America.

In late 1988, John purchased the 400,000sf 200 Market Building from Prudential Insurance Company. The building was completely abated of asbestos and returned to full occupancy by 1992. Its occupancy has averaged nearly 99 percent during Russell's 25-year ownership. In 2006, the building became the first existing multi-tenanted building in America to receive a LEED rating for its environmental excellence. In 2010 the building received the Platinum (highest) LEED rating.

John currently owns five historic buildings in the Skidmore/Old Town Historic District, including the oldest (1857) and second oldest (1859) commercial buildings in Portland. He is a trustee emeritus and past Chairman of the Board of Webb Institute, and a member of the New York Yacht Club.

John married Mary Fellows in 1980. They have three children and six grandchildren, all living close in Portland.

The Webb Alumni Association is pleased to honor John W. Russell for his outstanding achievements and service to his profession and his Alma Mater.

The Class of 2020 at the Annual Alumni Banquet in Tacoma, Washington.



Heritage Society Spotlight:

PAYING IT FORWARD



DAVE BOVET '70



Life goes on despite the Covid-19 pandemic. Our Class of '70 was looking forward delightedly to our 50th reunion at Webb this May. It was not to be. We will gather next year, one more project completed a bit late.

Joining the Heritage Society, however, is something alumni and friends of Webb can do right now. I would like to urge all my classmates to do so before we meet in 2021. Approximately 25% of our class are Heritage Society members, and I hope that we can reach 100% to match our annual giving record.

My wife Maureen and I put Webb in our will some years ago. Doing so requires only a simple sentence (bequest) leaving some money to the Institute. During this pandemic, we decided to increase how much we'll be leaving Webb. We've done that by adding Webb as a beneficiary to my IRA. It was easy to do—just call your financial institution, tell them your intentions, and they will send you the necessary form to be signed and returned.

My wife and I both feel strongly about Webb. For me, everything about Webb was what I had dreamed of as a youth. I always loved ships and the water, so what could be better? My classmate Rick Neilson, later professor and Dean at Webb, wrote in our graduation *Binnacle* about me, "From Virginia there came a conservative gent, who talked about ships wherever he went." Maybe I was excessively focused on lines drawings and the stack markings of freighter companies. Webb certainly delivered for me. Maureen and I first met in front of Stevenson

Taylor Hall on a Sunday afternoon, just a month before my graduation. She cheered as I was sworn into the U.S. Coast Guard that June, along with five other classmates.

While my career took me away from ship design, I have benefited incredibly from absorbing Webb's culture of hard work and working as part of a team in a close community. Webb's values have supported me, whether I was working in development banking or management consulting, as well as helping to shape my volunteer activities.

It has been rewarding to engage with the school over these past 50 years. I was Class Agent for a time, between the Class Agent tenures of Rick Neilson and Eric Linsner. I joined Webb's Board of Trustees in 2011, which is when I really began to learn about the behind-the-scene effort that keeps Webb's ship well-trimmed and sailing forward. I'm so proud of the students, the faculty and staff, the administration and fellow Board members—Webb has never been more aligned to William H. Webb's vision. The new Couch Academic Center is a marvel, and it is so necessary for our continued pursuit of academic excellence. President Michel deserves enormous credit for the Institute's progress on so many fronts.

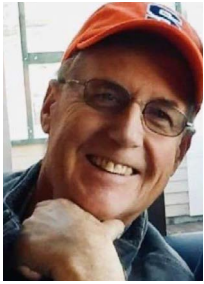
Please consider joining the Heritage Society; you'll be glad you did. It's true, the more you give, the better you feel. I speak for my wife, adult kids, and grandkids when I say:

"We hope you will join us!"

For information on the many ways to include Webb in your estate plan and become a member of the Heritage Society, and/or to learn more about how individuals 70½ years of age or older can make tax-advantaged contributions to Webb by direct IRA roll-over, visit <http://webbinstitute.plannedgiving.org/webbinstitute/giving/1.html> and/or contact the Webb Development Office at development@webb.edu or by phone at 516-759-2040.

BIW Remembers Kenneth "Chip" Faulter

prepared by his co-workers at BIW



Ken Faulter, born in Syracuse, NY, graduated as part of the Webb Institute Class of 1981. He spent his entire 34-year career at Bath Iron Works in Bath, ME, joining the shipyard's Engineering Department as a Mechanical Engineer in July of '81, and progressing to the significant roles of Director of Design, and Manager of Configuration and Data Management. Ken retired from BIW in 2014.

Ken made significant contributions technically and technologically at the shipyard, seeing the Company through the transition from all manual design with graphite and ink on vellum and mylar, to computer-aided design. When Ken arrived, BIW was well-along in the FFG-7 program with Gibbs and Cox working closely alongside as design agent and had secured a contract to build CG-47 Class cruisers as well. The Navy determined that the next destroyers, the DDG 51 ARLEIGH BURKE Class, would no longer be designed using traditional methods, but would be developed using CAD, creating the design in three dimensions by computer. After a period of Navy/industry collaboration and preparation using CAD in Crystal City, BIW was successful in winning the contract for detail design and construction of the lead ship.

Beginning the DDG 51 design, in particular the structure, using traditional methods, BIW deployed a team to transition the design to CAD and develop the outfit in that system. Ken had a leadership role in that deployment, guiding the design force in the transition to the new CAD technology. Working three shifts a day with a multi-discipline team including Gibbs & Cox, Ken and the team trained hundreds of designers in both Computer-Vision CADDs and AutoCAD, and developed procedures for all aspects of the process; modeling and organizing files, developing library parts, sharing model data with follow yard Ingalls, and plotting drawings from 3D models. During the late 80s and most of the 90s, Ken led the effort and was ultimately successful in producing drawings for part fabrication on the shop floor and ship integration in the buildings and on the ways. He held various supervisory and managerial positions in the Design and Engineering Departments over this timeframe, including Supervisor of Machinery Control Systems in 1987, and Manager of Electrical Engineering in 1988—a testament to his breadth of knowledge in ship design and construction.

In 1997, BIW and Avondale collaborated in the design

of LPD 17, the Navy's newest amphibious warship. Ken was selected to lead the BIW design team at Avondale and moved his family to New Orleans. He took to that assignment with enthusiasm; a new ship design, a new CAD system (Intergraph), and a different shipyard and city in which to learn.

Being a team of Mainers off site in distant New Orleans for Chip meant that his work team became his after-hours expanded family as well. His team members recall weekend barbecues, trips into the French Quarter, holiday parties, weddings, and the enjoyment of just being together. The friendships forged during that time lasted throughout his life.

In 2005, Chip was named Director of Design and again saw BIW through a significant CAD system development, the introduction of CATIA in the startup and Detail Design phase of the DDG 1000 Program. Modeling conventions, criteria and management approaches; developing procedures; and training designers all had to be worked out in a common process framework with Northrop Grumman Ingalls and then integrated into BIW business systems to support ship construction. Chip's blend of business acumen and technical knowledge, adopting and integrating new CAD systems in collaboration with other shipyards, made him ideal for this role.

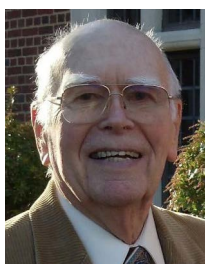
In 2010 Chip took responsibility for the BIW Configuration and Data Management (CMDM) Department, establishing many of the processes critical to building a long series of Navy combatants. That team considers itself better today because of his leadership. He made critical decisions for the Department, always for the greater good.

Chip is remembered by his co-workers as being a "straight-shooter," speaking truthfully and always bringing his talent, education, leadership and good old common sense to bear, to improve the people and processes around him. He was a role model and mentor for many in the Engineering Division leadership team at BIW today. His upbeat "just ducky" response to how he was doing, and his passion and talent for detail served him well as a naval architect and extended into his personal life as well, driving his love for model railroading.

Ken is survived by his wife, Mona Faulter, two sons, Ben Faulter and Michael Faulter, and his former wife, Erica Hansen, also Webb Class of '81.



Alumni News | In Memoriam



1945
Professor
Emeritus, Thomas
H. Bond passed away on December 30, 2019, age 95. Beloved husband of the late Ethyl.

Loving father of Steve (Linda), Rich (Jackie) and Ken (Nancy). Proud grandfather of Michael, Chad, Alex, Harrison, Emma, Brian and Eric. Special great-grandfather of Isaac, John, Elizabeth and Thomas.

Tom was a professor of Electrical Engineering at the Webb Institute of Naval Architecture. He was an avid sailor and member of Glen Cove Yacht Club. He was a devoted and active parishioner of St. Paul's Episcopal Church. He will be missed by many.

1949

Herman (Hank) S. Preisner, PE, passed away on October 2, 2018, in Annapolis after a short illness. Hank was predeceased by his wife, stepdaughter and younger siblings. He is survived by a daughter, a son, and grandchildren.

He graduated from the NY Maritime Academy in 1945, serving briefly on a transport in WWII. After graduating from Webb in 1949, he obtained P.E. licenses in DC from GWU. He published many papers, technical journals, and had over 25 patents in corrosion and fouling control techniques and devices, and co-authored two books. Since 1986 he has been providing Engineering Consulting services from his home. He has been a champion of equal rights especially for those who could not speak for themselves. In 1970 he chaired the Commission for Handicapped Children, bringing about change in Howard County, MD, advising how "handicapped children can become an asset instead of a

liability and enlarge the quality and meaning of life for all citizens in our country" and establishing Maryland law for mandatory education of handicapped children raising the age from 18-21 years. As a resident of Heritage Harbour for over 20 years, he created the wood shop, pursued photography, creative writing, and helped create a movie club. With Barb E. Schmal, his companion for five years, he traveled and enjoyed many family celebrations. He will be dearly missed by his family and friends.



John J. Slager passed away on March 24, 2020, at the age of 92. He was born on Long Island and grew up a small village expecting a career fishing until his

high school principal intervened to get him in math classes at which he excelled. He built his first sailboat at 14 years old and two more in his teens. He designed and built two wooden kayaks and two wooden sailboats as an adult. He then graduated from Webb and moved to Washington, DC in 1950. He moved and lived in Silver Spring, MD, for 63 years. He worked on Navy hull design projects for 61 years. Awarded the Harold E. Saunders Lifetime Achievement Award by his Navy peers in 1999. As a founding member of the Silver Spring Christian Reformed Church, John worshiped and served his entire life in the denomination of his Dutch roots. His life was inseparable from that of his Church. Met (his future wife) Mentey Bosch at Washington CRC in 1951 and married her in 1952. They celebrated their 64th wedding anniversary in June 2016. Mentey preceded John on July 16, 2016. Quietly, masterfully pursued his passion: building, sailing, and generally messing around in boats.

He is survived by two sons, one daughter, five grandchildren and three great-grandchildren, and was buried alongside his wife, Mentey, on March 30, 2020 in Olney, MD. The family is considering returning to MD later this year after the current state of emergency subsidies.

1952X

Captain Alfred W. Jones, Jr. died suddenly at home on November 26, 2019. Captain Jones was born in New Bedford, MA, graduated from the Massachusetts Maritime Academy, Tufts University College of Engineering, and after 31 years, retired from the Naval Reserve with the rank of Captain. He served on active duty during the Korean Conflict. In the Reserves, he served primarily in the surface program where he had command of a reserve training ship and was assigned command of the Reserve Mine Division 21. He also retired from the Micro Switch Division of Honeywell.



1955
Richard "Dick" G. Eddy passed away at the age of 86 on February 13, 2020.

Eddy was there at the very start of the industry as one of the engineering support team on board the vessel that shipped a historic first cargo from the US to the UK in 1959. He became involved in the project when the J. J. Henry Co., Inc., the naval architecture company he was working for, took on the job of converting the cargoship *Normarti* into the world's first LNG carrier—the 5,123-cbm Methane Pioneer. Eddy had moved over to join the ship's owner, Constock, by the time it was ready to sail. In January 1959, the vessel left Lake Charles, LA, arriving safely at Canvey Island, in

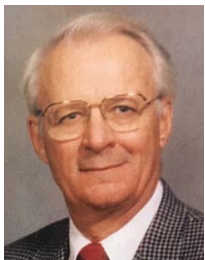


February, despite heavy seas en route.

The young Eddy also worked as project engineer on the design and construction of the world's first purpose-built, fully-refrigerated LPG carrier, the 28,837-cbm *Bridgestone Maru* (built 1966 in Japan).

In the early 1980s, he became a director of Malaysia International Shipping Corp. (today's MISC Berhad) when it was building its first five membrane-type ships in the early 1980s. In 1989, Eddy joined Gotaas-Larsen in London. During his eight years there, he met and worked closely with the late Charlie Peile to develop a new LNG transportation business.

Those who knew him remember him as a tall, softly, and slowly spoken man with an "encyclopedic knowledge" of the LNG industry. He was described as "a true gent" and well respected.



PG'55

Frank Marshall Perry, Jr. passed away peacefully at home on July 13, 2019.

Frank was born in Toledo, OH, but spent his childhood in Pampa, TX. He attended the Sewanee Military Academy and was appointed to the U.S. Naval Academy.

Frank graduated from the Academy with distinction in 1950 and went on to serve in the Korean War. He was later appointed to Webb, where he earned his master's in Naval Architecture in 1955.

It was while he was at Webb that he met the love of his life, Marjorie Reyling. They were married in 1953 and moved for Navy duty to San Francisco, Guantanamo, and Norfolk.

After leaving the Navy, Frank was employed at Ingalls Shipbuilding in Pascagoula, MS.

His 30-year career at Ingalls included vice president for Nuclear Submarines and culminated in the role of vice president of Quality Assurance. He served our Navy by making sure its vessels were of the highest caliber.

After retiring in 1990, he and Marge traveled the world. They eventually settled in Fairhope and were longtime members of St. James Episcopal Church community, serving in many liturgical duties over the years. Frank also thoroughly enjoyed the golf courses.

Frank is survived by his beloved wife of 65 years, Marge; a son and daughter, five grandchildren; and four great-grandchildren, with more on the way. We have been extremely blessed to have his honorable, wonderful, witty presence for all these years.

1958

Hayden "Bud" Carney was born in June 1936 in Toledo, OH, and died March 28, 2019. He graduated from Webb, and from the University of Southern California (LLB, 1964), Phi Alpha Delta, and was admitted to the California Bar that year.

Bud was a partner at the law firm of Christie, Parker & Hale, in Pasadena, CA, specializing in Patent, Trademark and Copyright law, Unfair Competition, Trade Secrets, Computer Law, Biotechnology, Licensing, Antitrust and Complex Business Litigation. He was a member of the California State Bar Designee to Board of Directors, California Crime Technological Research Foundation, 1972-76 and of the Society of Naval Architects and Marine Engineers.

Bud remained close to the other members of his class, joining them for their 55th reunion in VA, along with his wife, Pamela, who survives him as do their three children. Bud was, sadly, predeceased by their daughter.



1960

After graduating in 1960, **Kenneth E. Court** went to Pearl Harbor Naval Shipyard where he worked mainly with

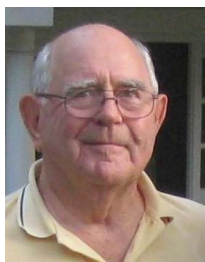
submarines. Then from 1965-68 he made a four-year cruise from Hawaii to Annapolis, MD via the Red Sea, some 25,000 miles. The last leg of the voyage was with his bride, Maria Assonitis, whom he met in Greece. Next job was at Westinghouse Oceanic Division, 1968-80, mostly with submersibles, including one capable of 20,000 feet. The project went defunct in 1970 when the ocean bubble burst and there was no money for assembly. He spent 15 months on a special assignment at Mare Island Naval Shipyard, submarines once again, including the USS *Parchee* with her DSRV simulator. The last three months he flew weekly to Port Hueneme modifying an offshore supply boat. In spring 1980, he went to Keyport, WA, to ballast a low drag test torpedo. The job involved his making lead ballast with a milling machine. It was a perfect fit, the exact weight required. He learned the trade well at New York Naval Shipyard in Brooklyn the winter of 1956-57. In 1980, he once again went sailing; a trip from Turkey to home; 11 months. His last job was 17 years as a partner at Kaufman Design. He is survived by his wife Margaret Garey.

PG'63

Captain John "Jack" Pierce, USN of Park Springs Community, Stone Mountain, GA, passed away at the age



Alumni News In Memoriam



of 86 on November 28, 2019, surrounded by his wife and children. Jack graduated with distinction in 1955 from the United States Naval

Academy, and his first tour of duty was aboard the USS *John R Pierce* (DD 753), the destroyer named to honor his father. In 1963, he graduated at the top of his class from Webb where he earned a master's degree.

After a distinguished naval career, Jack retired from active service in 1980 with 26 years as an accomplished naval architect and engineer. As a professional engineer, Jack consulted for an additional 18 years before fully retiring and moving from Charleston, SC, to Park Springs in 2007. Jack was a loving husband, father, grandfather, and great grandfather. He is survived by Barbara Bailey Pierce, his wife of 64 years, his daughter Anne Pierce Winsor (Mark), and his two sons John B. Pierce (Patricia), and James A. Pierce (B.J.), along with seven grandchildren and one great granddaughter. Jack made many life-long friends throughout his career and several relocations. Over several years, Jack played the bagpipes for bands in both Charleston and Atlanta.

1961 & PG'64

Charles G. Pieroth passed away on June 21, 2019. On February of 2019, Charlie fell in the kitchen and fractured his sacrum. The shock to his system and the complications added by his long hospital and rehab stays ended all hope that he would return home. He died the morning of June 21, 2019. His ashes are buried in the Pieroth plot at the Setauket Presbyterian Church. His wife, Susan, moved in October to a house in FL.



1966

James Allen Bock was born in NY. He attended Webb and did graduate work at MIT. He worked for Stephens Marine for over

20 years in the design and engineering of large yachts. During this time, he married Conni Trubody, and they began a four-year construction of their 28-foot wooden Herreshoff ketch. Soon after the launch, they bought a racing sailboat and spent every weekend racing on San Francisco Bay.

Later, Jim attended UC Davis to work on a masters in Computer Science, worked as a computer programmer at Delta College, then got excited about teaching science at Mable Barron School. He went back to school, got his teaching credential, and taught creative engineering and robotics for 16 years at the San Joaquin County Office of Education. He loved working with students.

He and family loved hiking, and they backpacked all over the Sierras as well as in New Zealand, Patagonia, and the Camino de Santiago in Spain. Jim and Conni and daughter, Tiffany, enjoyed travel and had adventures all over the globe from Antarctica to Norway, Russia, South America, Mongolia and the Caribbean. Burning Man has been a special experience for the past ten years, with creative sculptures, amazing art cars and wonderful friends. He enjoyed classical music and has been active in support of the Stockton Symphony for many years. Jim is survived by his wife Conni and daughter, Tiffany Bock.

1972

Jay S. Howell, Jr. passed away on March 20, 2020, at the age of 70. He had been suffering from bladder



cancer since March of 2019. After a difficult fight, the disease eventually won. He is survived by his beloved wife, Louise Howell;

son, Marcus (Stefanie) Howell; sisters, Charon (Michael) Oliver and Elizabeth (Gary) Hopkins grandchildren, Alexander and Zoey; sister-in-law, Mindi Weisenbloom and nieces, nephews and special family members. Funeral services were private due to the coronavirus.

1975

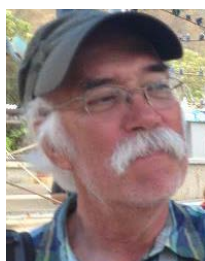
John P. Archibald passed away peacefully on January 12, 2020, at the age of 67, surrounded by his loving wife Kathryn of 36 years and other family members. He was pre-deceased by his parents, Christina and Earl. He is survived by his wife Kathryn McGeehan, his four brothers, Bob, Tom, Dave and Steve, as well as many other loving nieces and nephews.

John was born in Boston, MA, and grew up in South Weymouth, a Boston suburb. He attended Northeastern University, then four years at Webb, where he received a degree in Naval Architecture and Marine Engineering, then an MBA from Virginia Tech. He had over 25 years of experience in the private and federal sectors in business, engineering design, and program and strategic management. He worked in energy management positions in the Departments of Energy and Defense, and managed major system acquisitions for the Department of the Navy. From 1995 to 1999, John was Deputy, then Director of the Federal Energy Management Program, where he was the senior manager for all of the Federal Government's energy management activities within its own buildings and operations. He received



awards for Exceptional Service from the Department of Energy, and a Public Service Leadership award from the US Energy association. In 1999, John founded and became President of American Solar. He developed and implemented many projects in the areas of energy management and environmental sustainability for the public and private sector. He has been awarded three patents for this work and was a nationally recognized authority on energy management. Despite being diagnosed with a progressive disease almost five years ago, he continued to work tirelessly and productively throughout those last years.

The family has requested that you consider making a gift to Webb in lieu of flowers. Such contributions will establish a fund to keep John's memory alive in perpetuity. Please make gifts by credit card at Webb.edu or by check to Webb Institute and in the memo portion please write "in memory of John Archibald." All checks should be mailed to: Attn: Development Office.



Kim F. Ferris passed away on June 11, 2019 at the age of 66. No obituary was found. He was a resident of Prosser, WA.



1981 Kenneth "Chip" Faulter, passed away on November 1, 2019 at the age of 61. Please read the article written by his co-workers

from Bath Iron Works on page 38.

2008

Johanna Lee Exner, loving mother



of two beautiful girls, Kelsey and Colleen, and beloved wife of Mark, passed away on July 18, 2019; less than two weeks earlier, she had suffered a massive stroke caused by a rare form of cancer, choiriocarcinoma. Her recovery from that stroke was nothing short of a miracle, and she was making amazing strides, astonishing even the hospital staff. On Wednesday, after undergoing the initial round of chemotherapy, Jo returned home to her family. She was able to spend an amazing day at home with her family, reading books and snuggling with her daughters on Thursday before passing away after going to bed. She was loved by all and will be missed.

HONORARY



Trustee Emeritus, William O. Gray (Hon.), passed after a long battle with Alzheimer's disease, on December 22, 2019. A respected

lifelong member of the maritime community, valued CMA member and supporter and Darien resident, he was 89 years old. He was an admired shipping professional, a collegial colleague, sometimes opinionated, an accomplished musician, sailor, talented naval architect who explored new frontiers in shipping.

Bill attended Yale University and then the University of Michigan, receiving a BS in Mechanical Engineering at Yale and another BS in Naval Architecture at Michigan, where he studied under Harry Benford. This began his long career and passionate connection and leadership in the shipping industry.

But his love of the sea began in those early years in Cos Cob in the heart of CMA country. He is survived by his wife Faith.



Dr. James E. Turner, Jr. (Hon.), a former president at Electric Boat who is widely credited with keeping the company afloat

amidst downsizing and Navy cuts, passed December 27, 2018, at the age of 83. Dr. Turner had been living in Suffolk, VA, the area in which he grew up, at the time of his death. Turner is survived by his wife, Elizabeth Turner, and two sons.

Dr. Turner left EB in February 1991 after being promoted to executive vice president for marine, land systems and services at General Dynamics, EB's parent company. But he returned to lead EB, which was still struggling, in 1993 as part of a major corporate restructuring within General Dynamics. Webb awarded him an Honorary Doctor of Science in 1999.



Caryl L. Hadler (Hon.) died in her home after a short illness on January 28, 2020, at the age of 98. She was born on 18 May 1921 in Washington,

DC, the daughter of Lilian and James Loggins. Raised in the city, she was in the inaugural graduating class at Woodrow Wilson High School. After graduating from Wilson Teacher's College, she worked for Monroe Calculating Machine Company. She married Jacques Bauer (Jack) Hadler, a Naval Academy graduate, in 1942. She lived most of her adult life in Montgomery County, MD, residing in



Alumni News In Memoriam

Silver Spring, for her last six years.

Caryl was an extraordinary, loving, generous, attentive mother, grandmother, and friend. She was an extroverted, "people" person who embraced life and adventure. While raising their four children, she worked as a foreign student coordinator for American Field Service and the Embassy of Kuwait. She became the "American mother" to innumerable foreign students, including the 10 who lived with and became much loved members of her family. After her children were grown, she became an intrepid traveler, visiting family and friends, and touring in countries in six continents, where she appreciated the many cultures and religions she was fortunate to encounter. She made frequent visits to Kuwait, where her former students treated her like a beloved family member. She delighted in the time she spent with her family at their beach cottage. She loved gardening and enjoyed jigsaw puzzles, and playing bridge, Scrabble, and Mahjong with family and friends. Caryl was an active member of St. Dunstan's Episcopal Church in Bethesda, serving in leadership and on committees. She was a volunteer at the Washington Hospital Center for 50 years. One of her favorite passions became doll collecting, and she was a member of Dollology Club.

She was preceded in death by her husband of 75 years, Professor Emeritus, Jacques B. Hadler, Jack, and her daughter-in-law, Susan Johnson Hadler. She is survived by her four children, 10 grandchildren and eight great-grandchildren. She enriched each family member's life, and her memory is treasured by all.

George R. Knight, Jr. (Hon.), a world-renowned naval architect and avid sailor, died March 17, 2020, in NY,

following complications from injuries sustained in a January 9th car accident due to a stroke. Mr. Knight was 92 years old and a resident of Peconic Landing.

Mr. Knight spent 18 months in the U.S. Navy, being trained in radar before his honorable discharge in 1947. Not wishing to delay his college education further, he entered the University of Michigan's College of Engineering, and graduated in 1951 with a B.S. degree in naval architecture and marine engineering.

Mr. Knight began his career with the naval architecture firm of M. Rosenblatt & Son, Inc. (MR&S) in Manhattan, which was then one of the largest full-service naval architectural and marine engineering firms in the United States. From MR&S, he was recruited by Dr. John McMullen in 1957 to join the fledgling John J. McMullen Associates, an international firm of naval architects and marine engineers where Mr. Knight, ultimately rose to the position of executive vice president. Much of George's work was related to the design of cargo vessels intended for the transport of crude oil, petroleum products, and dry bulk cargoes. Mr. Knight was the inventor of several patented aspects of container ships and traveled the globe in his role with JJMA.

In 1997, Mr. Knight was awarded the prestigious David W. Taylor Medal by SNAME for "Notable Achievement in Naval Architecture." **In 2003, he received an honorary doctorate as the commencement speaker at Webb.** Mr. Knight retired in 2002 after 44 years at JJMA but remained in a consulting and mentoring role for an additional 18 months.



Professor Emeritus, Alan L. Rowen passed away on Wednesday, October 9, 2019, after a battle with aplastic anemia.

Alan taught at Webb Institute for 25 years before retiring in 2001 with the title of Professor Emeritus. He was the first Rosenblatt Professor of Marine Engineering at the school, a title he held for ten years.

Alan was a 1965 graduate of SUNY Maritime. Following graduation, he sailed on merchant ships as a watch-standing engineer, later returning to the Maritime College as an Engineering Watch Officer and Instructor. He then joined the Naess Shipping Group as Manager of New Construction and moved to London. He returned to NY in 1977 to teach at Webb. While at Webb, he worked as a research associate and as an independent consultant. Alan wrote a textbook on marine engineering and contributed to a number of publications that are widely used in the industry and by students at Webb and other schools.

Upon his retirement, Alan assumed the position of Technical Director at SNAME. He was named a Life Fellow of SNAME and chaired the Society's Ships' Machinery Committee. He was also a Fellow of the Institute of Marine Engineers and an officer of the Institute's Eastern USA Branch. He is survived by his wife, Alice, and two sons.



Alumni News | Class Notes

1950

Niel Spillane: The good news from Mystic is that my health continues well with no Covid-19 symptoms and to date the Spillane clan, all four generations are on the same track. Son Jamie, grandson **Colin '13**, and I had intended to be at May 2020 Homecoming and I looked forward to a great tour of the revised campus and buildings. I believe I may be the Ancient Mariner of the alums and 65 years would have made a wonderful celebration. God willing and the creeks don't rise may give us a shot at 2021 if campus gatherings are again survivable. I am still active as a founding Trustee of the Pequot Woods park in Mystic which 70 years of research has confirmed that it sits right on the most important American battlefield prior to the revolutionary war. I continue to dabble on the memoir which my lovely daughter-in-law pressed me to create at more than 400 pages. It comes in handy when my forgetability kicks in and I can refresh my own memory. Hope to see you all hale and hearty in 2021.

1952

The withering class of '52 had a wonderful reunion in Maine in early August. **Tom** and **Delph Gillette** hosted **Gene Schorsch** and **John** and **Fran**

Sims at their lovely place on Lake Clary. Tom's sister, Snookie, and Gene's son, Ron, joined them as did Gaby Lefebvre by phone. All the other departed class members were fondly remembered over lobster and good cheer.

1955

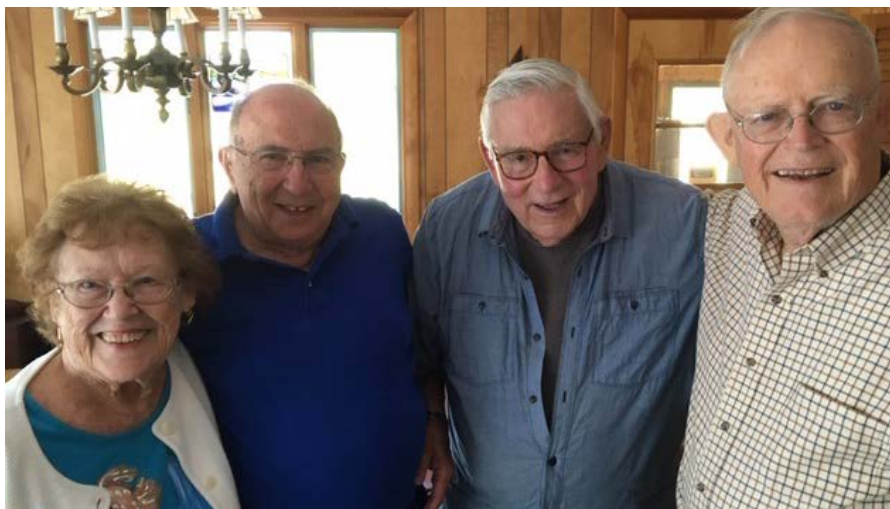
Robert Forssell: Shirley and I are semi-cooped up at The Marshes of Skidaway in our very comfortable Villa (apartment) in a continuing care facility on Skidaway Island. We moved to the Marshes about four years ago from our home on the Landings, a gated community of about 8,500 people. We have lived a total of 32 years in "retirement" on Skidaway – seems like yesterday. The Marshes has both villas and cottages; we chose the villas since those living in cottages have to ride or walk when going to the main building for meals about four times a week; many of those folks move from the cottages to the main building as they get older.

Things have changed a lot, thanks to coronavirus overwhelming the world. We are in a "campus" area with an entrance gate, but not a fenced campus. For the last several weeks we have been strongly encouraged to "shelter in place" in our villas/cottages, meaning

stay on campus except for things like medical appointments, but keeping at least six feet apart except for spouses. We are encouraged to exercise outside on the campus or in a beautiful adjacent Georgia State Park. Churches are shut down (we have had services via Zoom), gas stations are open, but barber shops are closed. I was in the middle of a series of twenty low level radiation treatments on small skin areas that had been biopsied with cancer found. So I am having a valid excuse to leave the campus frequently, but don't go inside of grocery stores.

Via a local grocery store's website we can select food and the store will pick it up from their shelves and bring them to cars for pickup. Families and friends are not allowed to visit, which was particularly difficult at Easter time. Every time each resident enters the Marshes' gate they are questioned as to whether they have been in areas where being viruses could be transmitted, and each resident's temperature is taken. We have been prohibited from playing golf, despite the fact that our golf club recommends that only one person ride on each cart, except for couples; four carts can drive on the fairways (normally two carts are the maximum.) In addition, rakes have been removed from the sand traps (bunkers) and the flags on the greens are not removed in order to minimize transmitting viruses. Eating meals in either of our two dining rooms at the Marshes has changed. Residents pick food from limited menus via our Marshes portal or internet site, then our food is delivered to our villas/cottages. Weekly cleaning is left to us. We just finished a deep vacuuming by (moving most of the furniture around) using a borrowed Marshes' vacuum cleaner.

We have lots of time for catching up on reading, enjoying more than usual TV, cleaning out our file cabinets, etc.



Snookie Sims, Gene Schorsch '52, John Sims '52, and Tom Gillette '52.



Alumni News

Class Notes



Shirley and Robert Forssell '55 at a Christmas Ball at the Marshes last December. Great memories to enjoy during our sheltering in place!

But we are very thankful for the care and organizing accomplished by the Marshes Director and staff to keep us away from the coronavirus.

Jim and Ruth Harvie are weathering the covid pandemic well at home in ME. We were in Barbados in March when shutdowns started, but we were able to travel home safely on the one of the last planes out.

Our son John, a JetBlue pilot, is on medical leave while he recovers from a lung cancer operation. Daughter Meg and her husband have just bought an Xp38 sailboat. Their son Andrew is working for a Washington lobbying group, and their daughter is about to graduate from Bentley University. For many years I have been collecting marine art. I have a collection of 32 etchings by George Gale, a marine artist who was a neighbor of mine while I was growing up in RI, documenting scenes of whaleships and whaling activities in the last days of whaling in New Bedford, MA. The New Bedford Whaling Museum was the source of reference material for the etchings, and they had received but not cataloged the contents of his studio when he died. I met with the museum curators and convinced them that an exhibition of Gale art would be of interest. In April 2019, they opened and exhibition



Delivering the Message from the Class of '56 (Pete Johnson '56)

featuring all of my collection and some items from their collection. As the exhibit was closing in January 2020, the museum published a fine 80-page catalog of the career and work of George Gale, entitled *George Gale - a Sea-Nurtured Artist*. This was fun to do, and it met my objective of documenting for future reference the work of a very good but little-known artist.

More than half of the surviving members the Webb Class of '55 planned to gather for a reunion at Homecoming which was canceled this year, and we hope to be able to gather in 2021.

Ron Olander: After our 1955 graduation I worked about 60.3 years, although it seemed like only 60, retiring at the age of 82.9 on Halloween 2015. In 2017 my wife Lori and I moved from Sturgeon Bay, WI to La Costa Glen (LCG), a large Continuing Care Community in Carlsbad, CA. Please note that LCG is not the Longitudinal Center of Gravity. LCG was a wonderful facility last year as I recovered from the surgery, with all kinds of activities, events, resources and other opportunities. Can you guess what happened next!!!

1956

Jerry Cuthbert: Our big news is the move to Riderwood, in Silver Spring, MD. It is the biggest senior living establishment in the country, with about 2,000 residents on a 150-acre campus.

We started thinking seriously of it in the summer of 2018, attending several events on the campus, and got on their "priority list" in November. We thought we were planning some years into the future, but it didn't work out that way. Very soon, the kind of apartment we most wanted became available, and we were at the top of the list!

Much of 2019 was spent frantically "downsizing" (Translation: "Getting rid of a half-century accumulation"), readying the house for sale, and arranging for the move. We moved to our new apartment in August and settled the house sale in November. Just in time! We hate even to think of how it would be to live in our house during this pandemic. Riderwood makes everything tolerable and, aside from the epidemic, very enjoyable.

Pete Johnson: Rather than a report of recent octogenarian adventures, this



note is to express our sincere gratitude and admiration for the leadership, staff, faculty, students and other loyal members of the Webb Family who have dedicated their energies to the school so well during these trying times. In the true spirit of service and honoring WHW's legacy, these Webbies have used their talent for hard work and innovation to continue to meet education needs of all students and we are both grateful and proud.

1959

Our class now has a new Member. At the May 16 Zoom meeting of the Webb Alumni Association **Bill Thode** was inducted into the WAA as an honorary member. Bill voluntarily resigned from Webb in our sophomore year but has made contact now and then. He has made a career as an officer on cruise ships, living in Fort Lauderdale in the winters and taking the Amtrak up to Newport, RI, to live on a boat in the summers. His application for membership was sponsored by **Dick Zuerner** and **Ed Shope**. Welcome aboard Bill!

Once again the Class of '59 has made a great leap: we've held our first Zoom reunion. On May 20th a few of us gathered on the internet, feeling a little like astronauts landing on the moon. It was a small step for **Larry and Donene Harrison, Bill and Ruth Hurt and Ed and Diann Shope**, but it was a great leap for the whole idea of Webb class reunions.

We spent almost an hour getting re-acquainted and sharing a bit about our lives. As a class of people who are becoming too old to travel comfortably, and who also now must come to terms with social distancing, the Zoom reunion holds promise. Of course it isn't like meeting face-to-face, where you can get a handshake, a hug or a kiss, and raise your glass and your

voice in a hearty toast, but it sure beats a nap on the couch. Many thanks to **Larry "Lars" Harrison** for hosting our breakthrough event.

Bob Johnson joined us briefly, and **Pete Gale** and **Bill Marrin** strove mightily, but were unable to attend. No problem. We'll play this game again.

1961

As we peek around the edges of the COVID19 quarantine, our class – not used to being in the "most vulnerable" category – is thankful to be able to resume activities outside of our homes. While we mourn the loss in the past 18 months of three of our classmates, those of us who remain are beginning to plan our 60th reunion next May, whether or not we can actually make the trek to Glen Cove. This could be our first reunion via Zoom!

Of the seven of us remaining, five are in contact via e-mail. **Jack Graap** continues to enjoy his privacy in West Camp, NY, having never succumbed to getting an on-line account. **Ron Hutcheson** now lives in Centerville, MA, but has been "*incommunicado*" for quite some time. **Ted Thorsen**, our class's only unicyclist, is our westernmost classmate living in Mount Vernon, WA. No word yet as to whether Ted will travel east next May. **Fred Seibold** and his wife, **Chris**, still live in Crofton, MD, where they lived before Fred retired from the US Maritime Administration. They remain active with their church. They are a 'maybe' for physically attending our 60th. **Ernie Holmboe** has indicated that he will not be able to attend in person next May. He and **Dale** are living in an "age-qualified" apartment with their dog in Elkton, MD. **Allen Evans** has come a long way from Austin, TX, to the "little house on the hill" that he shares with his wife, **Pam**, in Biddeford, ME. I still recall the day during our sophomore

year that Allen was 'in mourning' because Alaska had just been granted statehood which meant that Texas was no longer the largest state in the Union. No word yet as to Allen's plans regarding our 60th reunion. **Roger and Jill Compton** are coming up on four years as Floridians. They reside in a retirement community in Vero Beach, FL. Until the COVID19 lockdown, they were actively involved in four local choral groups and were enjoying water volleyball and pickle ball. Now it seems that choral singing is the worst possible activity for spreading the virus! They hope to be on campus for the 60th reunion of the Class of 1961. All of us are now comfortably retired and feel incredibly fortunate to have graduated when we did from Webb. Similarly, all of us share great concern for our kids and grandkids in a very different world. As Allen noted in his most recent e-mail: "Please all: stay safe, be well, wash your hands, wear your mask, avoid close encounters, and laugh a bit/ walk a bit."

1963

I am proud to report that once again, with the help of surviving spouses and classmates who chose to graduate from other schools, the '63's have managed to have 16 participants in the WAF, despite having only eleven surviving grads. Not sure if any other class has similar bragging rights. On May 28, eight of the grads and two of our former classmates Zoomed for about an hour. In attendance were **Max Altmann, Bill Birkhead, Don Deckebach, Bill Hall, Tim Graul, Kurt Kramer, Hank Olson, Dave Rodger, Bill Smith** and **Bott Weiss**. Since all of us are either retired, or close enough so that our time is our own, one of the prime topics concerned the many trips that had been canceled since the first of the year. Almost everyone on the call had suffered that fate. **Marion** and **Bill Birkhead** were lucky enough to



Alumni News

Class Notes

sneak in trips to Bermuda and Grand Cayman in January and February, but we missed our March FL vacation and Marion's trip to Israel. Covid-19 was the prime topic for discussion, as it seems to pervade everything we do. All of us are self-isolating and observing the protocols for survival. So far, it has worked, and none of us, nor our families have encountered the illness yet. **Bill and Linda Smith**, who winter in Bradenton, have decided to remain there for now. Their home area in OH is bustling, while FL gets pretty quiet during the warm months. I followed **Marge Verdon** on Facebook as she had a great trip to Europe. **June Kiss** is an inveterate traveler, so I am hoping she has not been totally marooned. **Roberta Silber**, with the support of her family is working through the sudden passing of Mike last year. **Tim Graul** is a serious world traveler, as is **Bott Weiss**, but they have hunkered down in Sturgeon Bay and Harvard, MA, respectively waiting for the "all clear." **Max Altmann** has almost completed another book, "Whisperers." He assures us that it is not another episode of his Norse sagas. Luckily, many of us have chosen very nice places to drop anchor, making the isolation more bearable. **Bill Hall** and **Don Deckebach** are sequestered in coastal WA and West L.A. respectively. **Olson** is in Oakland, but planning to

escape to his cabin in the mountains. Being the eternal optimist, the **Smiths** have rebooked a canceled cruise for 2022. The two who seem to be closest to the epicenter are our Jersey Boys, **Dave Rodger** and **Kurt Kramer**. We are going to try to schedule another Zoom session in the future and hope we can add a few more of the '63s to the broadcast.

1965

Hank Marcus, Professor Emeritus of Marine Systems at MIT, has been appointed by the Secretary of Transportation, Elaine Chao, to serve as the Chairman of the Advisory Board to the United States Merchant Marine Academy.

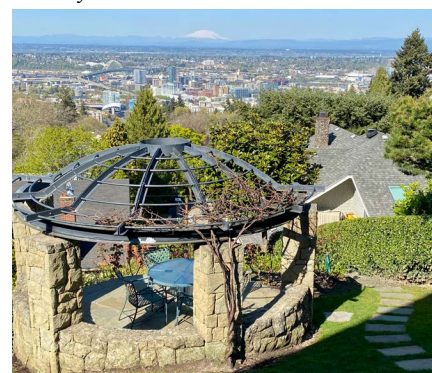
1967

Bob Hall and Joyce: We are staying "in place" at our new home in Lancaster, PA. Our 22-mile move last summer into Lancaster was our shortest move ever. Our daughter Ellie came home from Thailand and sheltered with her brother Jonathan for two weeks before coming to us at-risk (old) people in early April 2020. In June 2019, Jonathan and his wife presented us with our 3rd grandchild, their first child, a daughter.

Teleworking is nothing new for me, since I have been doing it (part time) for several years. But now that



Above: John Russell '67 with granddaughter.
Below: full view.



everybody is doing it the Navy has an additional form to be filled out--daily. We had planned a June Alaska cruise with all three of our children, their spouses and children, but that has been cancelled. Hope to reschedule it for--when????

Tom Koster: On March 12th, just before the Denver lockdown, **Gene Schorsch '52** hosted a hamburger lunch in his home in Denver for **Dave Homiak '75** and I. Dave had met Gene while working at Sun Shipyard, and me while working together at Amoco. I had also become friends while in Houston with Gene's classmate, **Tom Gillette**. Some great stories from our careers were shared, especially by Gene. We and our families were all well at that time. Though only two hours' drive apart, travel schedules and snow in the mountains have kept classmate **Paul Chapman** and I from linking up.



Kit '67 and Cathy Ryan having lunch with Mary and John Russell '67 in DC.



Class of 1969 reunion during Homecoming 2019.

John Russell: Mary and I met **Kit and Cathy Ryan** for lunch in Washington DC over the weekend (Sept. 2019). Kit continues his search for the perfect sound reproduction.

Well, the sale of all my buildings was to close the first of April. It was clear a month or so prior that it wouldn't happen because the bidders couldn't get financing or approval from their equity partners. Mary and I expected to join the rest of you in retirement, but no. I'm doing now what I've been doing for some 30 years, namely running my properties. Fortunately, they all flow cash, but it's a scary time because the values have undoubtedly suffered dramatically. Sales aren't in the cards for at least a year.

Like everyone else, planned trips have been either cancelled or "rolled over." The trip that I was most eager for is scheduled to take place in early July. We chartered a 70-foot gaff rigged schooner to sail with a skipper and mate east from Bar Harbor, with the ultimate destination Campobello Island (the summer home of FDR.) Not likely to happen.

Otherwise all is cool. We've been Zooming with friends, including **Wayne and Kiki** weekly. I hope that Wayne will tell about their new home

on Lopez, which will be moved from its current waterfront site to theirs.

1969

The Class of 1969 held our 50th Reunion during Homecoming last year (2019). We had a wonderful time thanks to the gracious hospitality of **Keith Michel '73**, Webb students and the Webb staff. The tour of the new classroom addition under construction was impressive. **Tom Campbell** and **Eric Runnerstrom** followed up and attended the ribbon cutting in October. The new building is a great addition to the campus.

1970

The Class of 1970 had planned a class dinner and was anxiously anticipating our 50th class reunion at the May 2020 Homecoming. Regrettably, the dinner and the Homecoming activities had to be cancelled due to Covid-19. We will make a second attempt at the 2021 Webb Homecoming. Fifty-one versus fifty is a 2% deviation, well within engineering accuracy. Consider it similar to a Webb "conditional"; whereby, after failing a course, you could study the material over the break and retake the final exam before the start of the next semester. We'll be back and hope everyone stays well in the interim.



Tom Campbell and Eric Runnerstrom in front of the plaque inside the new Class of 1969 Conference Room.

1971

Dudley and Joni Dawson enjoyed two trips this year, the first to VT in early fall 2019 which included not just the obligatory maple syrup samples and granite quarry tour, but also a Lake Champlain cruise with one of his old design clients. The second trip was a ten-day pilgrimage to Israel this spring, getting out of the US, through Israel, and then back home through NY in late February as various local and national doors closed just behind them due to the cresting COVID-19 wave. They traveled from the Golan Heights in the north, with its minefield warning signs along the Lebanese border, to the Negev Desert in the south, with stops at Masada, Qumran and the Dead Sea. Always the NA, even in the middle of a desert, Dudley couldn't help speculating on how the many overweight vessels he'd seen over the years would have floated perfectly on their DWL's had they been launched there (SG=1.3) instead of into the ocean. Top of the travel list for next year is the 50th reunion of Webb's "worst class in 40 years."

John and Amy Malone try to travel each year to "someplace we haven't been before." The new destinations for 2019 were Tahiti, Moorea, and American Samoa, which were ports of call on a 24-day cruise on Ruby Princess



Alumni News

Class Notes



John & Amy Malone at Double Waterfalls, Faaone, Tahiti.

from Vancouver, Canada to Auckland, New Zealand. The cruise also included port visits in Kauai and Oahu, the latter allowing a full-day island tour guided by **Tom Tindale '10**. The cruise included many at-sea days which provided a great opportunity to get to know their fellow passengers, especially their dinner mates from the U.K. and Tasmania. Just before the Covid-19 pandemic struck, John and Amy got to a couple of "new destinations" in 2020 -- Mammoth Caves, KY (where they got together with **Jim Leigh '74**) and Nashville, TN. Any other "new destinations" in 2020 will likely be within driving distance from home.

1975

In the face of the cancelled Homecoming - 45th Reunion, the Class of 1975 enjoyed an evening together via a Zoom call. Thirteen classmates from all across the country were able to join in. It worked quite well and turned out to be a very convivial time together with wide ranging discussions of both past memories and future plans. The consensus was that we should meet again and more often than annually. The class has rekindled closer ties over the last year which saw the untimely passing of two of our members, **Kim**



Class of 2004 reunion in Woodstock, NY.

Ferris and John Archibald. We hope that the informal virtual meetings will allow some of our less-often-heard-from classmates to join in on future calls. For information contact ctupper60@gmail.com.

1988

Mitch Dmohowski decided he was done with the whole "developing wind & solar projects in Hawaii thing" in order to continue his education by pursuing a life of refined vagrancy - traveling around the world to experience more than 50 countries over the last three years. He's currently sheltering-in-place at a small fishing village in southwestern Mexico where, as the last gringo in town he's striving to keep the economy open and the tequila flowing. Mitch still hopes to someday have a dog of his own.

Steve Pagan finished the design and contracting for the hull of a semisubmersible floating production unit in 2019. In early 2020 he and his family moved to Okpo, South Korea to build it, but then evacuated back to Houston three weeks later due to COVID-19. Still waiting to see when

the team will remobilize, so in the meantime he's been working 2nd shift on Webex and Teams with the Korean engineers to iron out the detail design.

1993

The Class of 1993 graduated three high school seniors this year (**Corvelli, Filling, and Neuman**) with no second generation Webbies yet. There is still hope though.

1997

Robert Bolling: Happy Easter from the Bolling family in Katy, TX! I'd suggest that any Webbies stop by who are in the area, but that would be a big no-no these days. Hope the world hasn't ended due to the Wuhan Bat Soup virus by the time this gets published!

2000

The class of 2000 had our socially distant twenty-year class reunion on Saturday, May 23rd via online meeting. Though the number of Webb graduates in 2000 was 13, our cohort included 25 people at different times. Similarly, our meeting had 10 people split evenly between those that graduated from Webb in 2000 and those who had joined



us for some of the time. In true naval architect fashion, **Luke Shingledecker** called in from his boat in Annapolis, MD. Furthest north was **Scott Furr** in ME; furthest south were our San Diegans: **Tom O'Shea and Kristy Beale**. The class reunion included the standard reminiscing about college days, talking about our favorite trips since then, and the updates on families. Much like all on-line social meetings these days, we spoke about how our lives changed during the shelter-in-place of COVID-19. Essential workers included doctors **Tammy Cunningham and Anna Furr**; **Charlie Michelson and Elizabeth Jeffers** are teachers; **Amy Bozzacco** is social work case manager. Two of the ten households had positive test results, and everyone is healthy now. Those with terrible commutes like **Jason Rhodes** appreciated working from home. Like most online happy hours, spouses and children came to gawk at the screen in disbelief that we once had more friends. We ended the call all agreeing we should do this more often to have a welcome bit socialization during socially distant times.

2004

Just ahead of the 50th anniversary of Woodstock, the Class of 2004 had their 15th reunion down the road from Bethel Woods in NY on the weekend of August 9-11, 2019. Of the 15 graduates, 11 were able to attend the weekend with their families, with



The Minnich's with their son David and newest edition, John.

the youngest attendee being only two months old! Folks came from various corners of the USA-VA (**Ryan Hackel and James McGrath**), CO (**Candace Miano**), SC (**Kate Munkenbeck**), LA (**Chris Allard**), TX (**Matt Unger and Tim Yen**), RI (**Brendan and Daniela Abbott**), PA (**Jessie Kleist**), and MD (**Roy Sarrafian**). In total there were 18 adults and 11 kids. It was a kind of mini Webbstock for the 2004 crew at a property graciously made available to the class courtesy of Candace's in-laws. The weekend included family-style meals, BYOB, some awful wine, bonfire, ping pong, pool, ATV tractor pulls for the kids, camping, sleeping bags in cars, air mattresses, and some folks even slept in real beds. Many of the kids became fast friends, so much in fact that a few literally locked themselves in a little cottage to avoid leaving. It was such a treat to see the next generation running around while the classmates caught up on the years since graduation. How special it is to be able to pick up right where you left off. Next time hopefully the class can get all 15 together.

2007 & 2008

Kathleen '07 and Stephen '08 Minnich along with David (age 3) welcomed their newest shipmate, John Francis Minnich, on November 27, 2019. The happy family of four continues to support the US Navy from their home in Alexandria, VA.

2008

Sarah (Patrick) Wickenheiser earned a Master in Engineering Management from Johns Hopkins University in December 2019 - back in a time when taking college classes online was still a novelty.

Adam van Doren & Kristen Jarecki: We had our second kid -- a baby girl named Callista Sophie -- on February 15th.

2010

SNAME New England awarded LT **Alex Scott**, MIT and LT **Julia Cumming** the graduate 1st prize for their paper, *Relieving the SSGN Fleet: Capitalizing on the Columbia SSBN to Design SSGN(X)*.

2011

Mike Abbruscato got married to **Alison Martinette** in a small ceremony in April 2020. Both are looking forward to celebrating with everyone when safe!



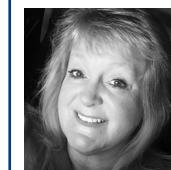
Mike Abbruscato '11 with his bride, Alison.

2011 & 2012

Lidia '11 and Schuyler Needham '12 became parents this December. They love every day with their son, Jonah (below)!



Photographer: Jessie Barentsen Photography



Please send class notes directly to Gailmarie Sujecki at:
gsujecki@webb.edu



Webb Institute
298 Crescent Beach Road
Glen Cove, NY 11542-1398
1-866-708-9322 (Webb)
www.webb.edu

Webb News

WEBB INSTITUTE MAGAZINE
2020 | VOL. 32

