



Webb News

WEBB INSTITUTE MAGAZINE | SUMMER 2019 | VOL. 31



*Celebrating the Success of the
Campaign for Webb!*

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MISSION STATEMENT

To prepare graduates for prominent careers by:

- ⚓ Providing a rigorous education in the principles of engineering and a broad-based knowledge of the fundamentals of naval architecture and marine engineering.
- ⚓ Developing skills that will enable graduates to become leaders in and make significant contributions to their chosen profession, and to the social environment in which it functions.
- ⚓ Instilling in our graduates the highest ethical standards and sense of professionalism; cultivating curiosity in the arts, sciences, and humanities; and providing the background and encouragement necessary to support life-long learning.
- ⚓ Perpetuating the legacy of William H. Webb.



Please send comments
or article suggestions to:
kallegretta@webb.edu

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
Lauren Carballo
Joe Cuneo '57
Dan Desio '21
Patrick Doherty
Mara DuVernois '20
Bradley D.M. Golden '99
Richard Harris
William Harris '19
Christopher Hicks '99
Jackson Juska '21
Matthew Kepner '22

Jennifer Kollmer '91
R. Keith Michel '73
Matthew Migliozi '20
Ian Mutnick '96
Galen Ng '20
Joseph Schetz '58
Gailmarie Sujecki (Hon.)
Sarah Stretch '19
Reneé Tremblay '20
Umberto Jose Varbaro
Matthew Werner '95, PG'97

PHOTO CONTRIBUTORS:

Kerri Allegretta
Gill Associates Photography
Kyle Koleda

R. Keith Michel '73
Reneé Tremblay '20
Jonathan Wang '20

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Message from the President:

Webbies Can Do Anything!

by R. Keith Michel '73, President

Commencement day was a beautiful day in all respects. Excitement was in the air as the class of 2019, 21 graduates strong, received their Webb degrees. Three graduates will be attending graduate school next fall, one will serve in the Peace Corps, a couple will take time to travel abroad, while the others are beginning their careers in the marine industries this summer.

Festivities began when the students and their parents gathered for the traditional Friday evening barbecue. This year we celebrated graduation on the front lawn because of the ongoing construction of the Couch Academic Center. The commencement address was given by Angela Chao, CEO and Chairperson of the Foremost Group. Angela gave an inspiring talk, describing how her parents emigrated from China under difficult circumstances, how her father came to the United States without financial resources or a job, and through hard work and determination established the Foremost Group over fifty years ago. She spoke about the importance of education, continuous learning, and the willingness to start again, when necessary. Graduating senior, Andrew Pidduck, spoke on behalf of his classmates. He passionately described the bonds built among classmates over the last four years and how these friendships will endure forever. He expressed his appreciation to the entire Webb family, for their generous support of the Webb program and the full-tuition scholarships.

As we extend to the departing seniors our best wishes for joyous and successful lives, we eagerly await the arrival of the class of 2023. The 28 incoming freshmen hail from around the nation. This will be a strong class, as the applicant pool was one of the largest since the 1950s. The pool had a greater percentage of economically disadvantaged students than in prior years, evidence that our efforts to meet the full demonstrated need of our students is having a positive impact on recruitment.

Homecoming was well attended. Special kudos to the class of 1969. Eight members of the class of nine were on hand to celebrate their 50th reunion. Homecoming began with

the 5th annual Heritage Society Dinner. Initiated by Peggy when we first came to Webb, this event has traditionally featured a gourmet meal, fine wine, and an opportunity to share memories. In the first year, students assisted with serving the meals. As time went on, Peggy got them more involved in food preparation and eventually cooking. In memory of Peggy, this year the students insisted they put on the entire event themselves. A team of twelve students created the menu, purchased ingredients, prepared and served the meals, and cleaned up afterwards. Everything was cooked from scratch, from the sushi appetizers to the cheese cake and chocolate strawberry deserts. The students had a long spreadsheet broken down into ten-minute segments, with defined tasks and responsibilities. The meal was extraordinary and on time throughout the evening, giving further credence to the adage that "Webbies can do anything!"

At Homecoming, alumni and visitors enjoyed tours of the Couch Academic Center. Those of us on campus have been impressed with the creativity and thoughtfulness of the design developed by our architects, Bentel & Bentel, and the quality of construction achieved by our contractor DHI Construction Services, Inc. I was pleased that alumni were equally inspired by the new academic center. The view from Stevenson Taylor Hall is enhanced by the beautiful green roofs, while the modern, expansive lecture halls and work studios, faculty offices, and technology laboratories will serve to strengthen our academic program and facilitate recruitment of students and faculty alike.

Planning for the Couch Academic Center ribbon-cutting event is underway. Please join us on October 26th for what promises to be a momentous occasion in the history of Webb. We are also planning regional meetings for the winter and spring of 2020. These meetings will give us an opportunity to celebrate the success of the Capital Campaign and discuss Webb's strategic planning for the coming years. Dean Werner and I look forward to seeing you at these events.



123RD WEBB COMMENCEMENT

by Kerri Allegretta
Director of Media Relations & Communications

On Saturday June 22, 2019, Webb Institute awarded 21 Bachelor of Science degrees at its 123rd Commencement Ceremony. Each graduating student received a dual degree in Naval Architecture and Marine Engineering.

Webb's Commencement Ceremony opened with the singing of the National Anthem by the WooFs (Webb Family Singers) and included inspirational remarks from Webb's President R. Keith Michel '73, and keynote speaker, Angela Chao, Chairperson and C.E.O. of Foremost Group, an American shipping company with worldwide operations, received an Honorary Doctorate during the ceremony.

Ms. Chao's speech touched on the transformative power of education, drawing upon the inspiration of her parents' life stories of perseverance, determination, and optimism to inspire Webb's Class of 2019. She exhorted the graduates, "You are our future. Make our industry and our world better!"

Additional remarks were made by the Class of 2019's student speaker, Andrew Pidduck, who spoke about the invaluable friendships, experiences, and education he gained during his time at Webb. "We appreciate the gift of education and the entire Webb experience that we have received," said Pidduck. "We will carry it with us always and we will share it with others. This is our responsibility. We promise to remember where we came from and represent Webb well."

In addition to the awarding of degrees, several students 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.

Following commencement, Webb's Class of 2019 will spread out across the country and the world to begin graduate work or start their professional careers in the marine industry. Notable employers include BMT Designers and Planners, Bruce S. Rosenblatt & Associates, HII Newport News Shipbuilding, NSWG Carderock, Shipwright, and Vigor. Graduate schools are: MIT, University of Michigan, and Delft University of Technology.



Dean Matthew Werner '95, PG '97, chairman of the Board, Bruce Rosenblatt (Hon.), Keynote speaker, Angela Chao, and President R. Keith Michel '73



Student speaker, Andrew Pidduck, with President Michel '73

AWARDS

RICHARD A. PARTANEN HUMANITIES AWARD

Jocelyn L. Kleiger

{Sponsored by Dean & Mrs. Matthew R. Werner '95 & PG'97}

PATRICK S. MATRASCIA GOOD SHIPMATE AWARD

Ashley J. Dias

for working unselfishly and in harmony with classmates

{Sponsored by President R. Keith Michel '73}

THE CHARLES KURZ II (Hon.) COMMUNITY SERVICE AWARD

Andrew T. Pidduck

for exemplary commitment of service to others through volunteerism, community service, and civic outreach

CURRAN MEMORIAL PRIZE

Alexandra K. Heitman

for most outstanding & consistent improvement

{Sponsored by Trustee, John A. Malone '71 & his wife, Amy}

PAUL E. ATKINSON MEMORIAL PRIZE IN ETHICS

Sarah E. Stretch

for ethical behavior

KEELER MEMORIAL PRIZE

Blake T. Loncharich

for highest average in mathematics

{Sponsored by Trustee, Dr. Luther Tai}

LEWIS NIXON MEMORIAL PRIZE

Blake T. Loncharich

for excellence in the senior thesis

{Sponsored by Trustee Emeritus, John W. Russell '67}

J. LEWIS LUCKENBACH MEMORIAL PRIZE

William R. Harris

for highest general average in four-year course

{Sponsored by the American Bureau of Shipping}

STEVENSON TAYLOR MEMORIAL PRIZE

William R. Harris

for excellence in the senior thesis

{Sponsored by the American Bureau of Shipping}

AWARDS FOR EXCELLENCE IN ENGINEERING DESIGN

Declan B. Gaylo & William R. Harris

{Sponsored by SeaRiver Maritime}

CHARLES A. WARD, JR. MEMORIAL AWARD

Declan B. Gaylo & William R. Harris

for highest average in naval architecture and marine engineering

CHAFFEE MEMORIAL PRIZE

Abishai M. Thomas

for general excellence

{Sponsored by Trustee, Joseph J. Cuneo '57}



POST GRADUATE PLANS

Taylor Campbell	Peace Corps
Ashley Dias	Traveling in India
Declan Gaylo	MIT - Hydrodynamics
William Harris	NSWC Carderock
Katri Heitman	Great Lakes Shipyard
William (Brent) Hill	Shipwright
Sean Hughes	NSWC Carderock
Seth Jones	HII Newport News Shipbuilding
James Kelly	Seakeeper
Jocelyn Kleiger	Kenific Group
Benjamin Lee	L3 Technologies, ASV Global
Blake Loncharich	Bruce S. Rosenblatt and Associates
Josiah Ng	Vigor
Andrew Pidduck	L3 Technologies, ASV Global
Daniel Roske	University of Michigan - Naval Architecture & Marine Engineering
Sarah Stretch	Office of Naval Intelligence
Abishai Thomas	Vigor
Easton Tilicki	BMT Designers and Planners
Muriel Weathers	Shell Exploration & Production Company
Peter (Will) Wiley	TU Delft, DTU, NTNU - Offshore Engineering & Wind Energy
Isaac Wilson	BMT Designers and Planners



Ms. Chao delivering her Commencement address

THESIS TITLES

Taylor Campbell and Ashley Dias	A Preliminary Design and Business Model of a Dental Aid Vessel
Declan Gaylo and Daniel Roske	Pressure Effects of Transom Lift Devices on Prismatic Planing Hulls
William Harris	A Computational Fluid Dynamics Analysis of Moonpool Added Resistance
Katri Heitman	A Study of Flow Around NACA Foil Sections Using Particle Image Velocimetry (PIV)
William (Brent) Hill	Modern Pedagogy in Naval Architecture and Marine Engineering Education
Sean Hughes and Seth Jones	An Investigation of the Resistance Characteristics of a Trimaran with Varied Side-Hull Lengths
James Kelly, Andrew Pidduck, and Abishai Thomas	Complying with the 2020 IMO Sulfur Cap: How Ship Owners and Operators Should Approach Multi-Criteria Decision Making
Jocelyn Kleiger	A CFD Analysis of a Modification of NACA 2412
Benjamin Lee	A Simulation Program for Vessel Maneuvering Including Effects of Hull and Control Surface Roughness
Blake Loncharich	An Investigation of the Kalina Cycle for Shipboard Waste Heat Recovery
Josiah Ng	Automated Visualization of Shipboard Wiring Systems
Sarah Stretch	An Analysis of the Effect of Differing Stern Flap Characteristics on Power Requirements of a Transom Stern Hull
Easton Tilicki	An Investigation of Transom Stern Flow: The Determination of a Potential Flow Empirical Correction by Means of Accumulating Model Test Data
Muriel Weathers	Risk and Cost Benefit Analysis of El Faro Recommendations: Benefits of Covered Lifeboats
Peter (Will) Wiley and Isaac Wilson	A Fluid Structure Interaction Validation: Wave Loads on a Wind Turbine Monopile Structure

CELEBRATING THE SUCCESS OF THE *CAMPAIGN FOR WEBB*

I have been told that Webb should celebrate more...

I believe the long-awaited conclusion of the *Campaign for Webb*, the most successful fundraising Campaign in Webb's history, is a moment worth celebrating. Though I firmly believe our work will never quite be done, a six-year effort during which Webb family generously contributed \$51.5 million, is truly inspirational.

The ribbon-cutting of the newly constructed Couch Academic Center, a once-in-a-generation campus upgrade, is another milestone clearly worth celebrating. Current students are already rejoicing at the prospect of learning in this amazing facility, and generations of future Webb students will have the same privilege.

Please join us on Saturday, October 26, 2019. Webb is opening its doors to everyone—trustees, alumni, current and past parents and grandparents, friends—to come home and be a part of the dedication of the Couch Academic Center and the unveiling of Webb's first-ever, life-size statue of our founder, William H. Webb. We will also celebrate the newly named spaces of the academic center, enjoy a cocktail reception and dinner in the new space, and enjoy special entertainment.

We have long awaited this exciting moment.

Please call Webb's Development Office at 516-759-2040 for more information and be sure to reserve accommodations as early as possible.



Joe Cuneo '57
Campaign Chairman



Webb EducationTools for Life

by Chris Hicks '99



1999.....

Like nearly all Webb Institute alumni, earning that dual bachelors degree in Naval Architecture and Marine engineering made for four of the most challenging years of my life. So when graduation day was upon me, I was more than ready for the real world. But first things first, let's party like it's 1999...because it was!

I headed back home to the Mississippi Gulf Coast, where I hired on at Ingalls Shipbuilding. Honestly, I was expecting it to be a short-lived job; just get my feet wet, so to speak and really just catch my breath after Webb. What I hadn't expected was for my first job to lead to such interesting opportunities and challenges that I would find myself with the same corporation for the next 20 years.

Webb provided me with the necessary tools to succeed in over a dozen different roles throughout my career, including basic naval architecture tasking, field engineering, research and development, advanced ship design, and project leadership. Beyond the engineering, I had the opportunity to lead hundreds of millions of dollars in program pursuits and lead proposal developments across commercial and government sectors. With the experience gained through my varied roles, and a constant desire to make a significant impact within the company, I was given the opportunity to move into our Corporate Development and Strategy organization, where I am today.

2019.....

In my current role, I support senior leadership with enterprise strategy and key acquisitions, including those that led to the stand up of a third Huntington Ingalls Industries division, creating a path for growth beyond shipbuilding. My strong technical background and strategic experience has allowed me the opportunity

to coordinate our enterprise focus on Unmanned and Autonomous Systems, truly the future of the maritime industry.

Work Life Balance.....

Although my career doesn't always allow me to be home as much as I'd like, I have to say I've been blessed. My wife, Jennifer and I have been married for 11 years and live in Mobile, Alabama, with our two amazing daughters, Riley (9) and Kennedy (7). My love for music and water sports continues, and I am fortunate to have outlets that support this. I am honored to be a member of the South Coast Church worship team playing acoustic guitar, an experience that has strengthened much more than musical skills. And living on the Gulf Coast allows me opportunities to surf, wakeboard, windsurf, sail, and much more. Truth is, time does really fly when you're having fun.



Chris's Martin

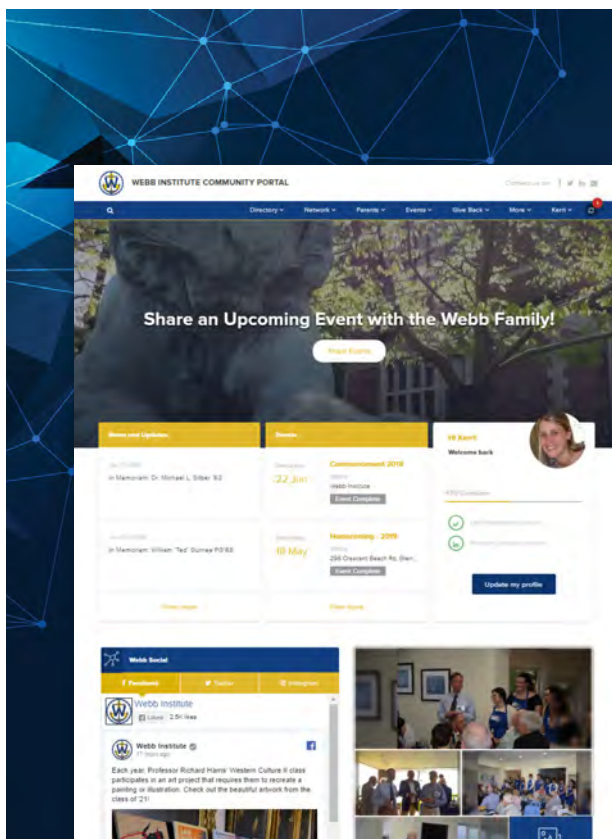
Retrospective.....

Anyone who knows Webb's mission knows that this school is unique in what it offers, and few schools can create opportunities and open doors the way Webb can. From life-long friendships around the globe, to a fulfilling career chasing my personal aspirations, I'm truly thankful for what Webb has done for me.



Above - Christopher Hicks with his wife, Jennifer.

Left - Christopher and Jennifer's daughters, Kennedy and Riley, striking a pose with one of the Webb tigers during this year's Homecoming.



Stay Connected with the COMMUNITY PORTAL



Discover local Webbies using the interactive map
Mentor current students or fellow alumni
Stay current with the happenings at Webb
Share or Promote local events
Post or Find job opportunities
Share photos

OPEN TO:

All Webb Alumni
Current Students
Parents of Alumni/Current Students

QUESTIONS?

Contact Kerri Allegretta at kallegretta@webb.edu
<https://community.webb.edu>

WHAT'S NEW IN ADMISSIONS AT WEBB?



by Lauren Carballo
Director of Admissions & Student Affairs

Over the past two years, the media has been filled with controversial stories in the world of college admissions ranging from bribery scandals, to affirmative action lawsuits, to college closures, to the student loan debt crisis. These headlines have unsurprisingly caused some uneasiness among prospective students and their families who are embarking on their college search process, especially those doing so for the first time. In my role as Director of Admissions and Student Affairs, I have seen a change in the questions that families are asking when they visit campus because of this media attention. Families appear to be more knowledgeable about institutions' endowments, admissions processes, job placement rates, retention and graduation rates, average student debt upon graduation, and so on, and are asking more questions seemingly aimed at reassuring themselves of the long-term financial health of the institutions they are interested in as well as the success of the students that graduate from those institutions. It is in speaking with the families that visit Webb and answering their questions that I can honestly say that I have never been prouder to work at Webb, which continues to hold the admissions and financial aid processes to the highest ethical standards, continues to support new initiatives in these areas, and continues to produce incredibly successful graduates.

When I first transitioned to Webb three years ago, I was impressed by how carefully the candidates were evaluated for admission, and how the process, at the same time, introduced those candidates to the Webb experience so that they too could determine whether Webb was a good fit for them and confidently make their college decisions. Some highlights of this process,

as also described in President Keith Michel's response to the national bribery scandal this year, include:

- Webb has an Admissions Committee, which consists of the President, the Dean, the Director and Assistant Director of Admissions and Student Affairs, the Math professor, the Humanities professor, and two other faculty members, which holistically reviews all admissions applications to Webb and selects finalists from the pool;
- All finalists in Webb's Admissions process are invited to campus for an overnight visit in order to learn about the many unique aspects of the Webb experience to determine whether Webb is a good fit for them;
- In addition to the committee's reviewing a candidate's admissions requirements (including the student's transcript, SAT/ACT scores, letters of recommendation, resume, etc.), each finalist who is invited to campus for the required overnight visit is asked to take a math test, write an essay, and is interviewed by the president and one of the faculty members on the committee. All of these factors play a role in selecting the final class;
- Webb's admissions process is need-blind, meaning that a family's ability to pay does not play a role in Webb's admissions process; and
- Candidates' extracurricular activities, including athletics, are considered but never take priority over their academic record.



These aspects continue to remain true in our admissions process today. However, while keeping these key aspects at heart, several changes have been made over the past year to make Webb's process both more accessible and more transparent to all students, further keeping in line with founder William Webb's vision to make the Webb experience accessible to those of limited means. These initiatives include:

- Transitioning to the Common Application, which is currently used by over 800 institutions;
- Making the SAT Subject Tests recommended instead of required, as they can be costly for families and can highlight inequalities, and placing greater emphasis on the candidates' academic records, and on Webb's internal assessments and interviews in the admissions process;
- Acquiring grants and scholarships to meet the full demonstrated financial need of all enrolled students with loan amounts not to exceed the maximum subsidized loan they qualify for;
- Sending estimated financial aid award letters with the students' acceptances for those who submit a FAFSA by the provided deadlines; and
- Providing financial assistance, e.g., money for travel, in Webb's finalist process, which requires all students to visit campus and can, therefore, at times, cause a financial burden to some families.

I believe the success Webb had with this year's applicant pool for the Class of 2023, which broke several records, can, at least in part, be attributed to these initiatives. The admissions pool this year saw a 26.3% increase in the number of applications over last year's pool and a 3.6% increase over the applicant pool for the Class of 1964, which was Webb's largest recorded applicant pool. Webb's acceptance rate was 22.9% this year. Furthermore, 32% of the pool applied to Webb as Early Decision candidates, indicating that Webb was their top choice school. This was another record for Webb. This also affected the diversity within the pool and in the incoming class. There was an increase in the number of students who requested and were approved for fee waivers, as well as an increase in the number of minority students, both in the applicant pool and in the incoming class. In fact, a third of the Class of 2023 identifies as African American, Asian, Latino American, Native American or Bi/Multi-racial. Finally, the academic strength of those selected for the Class of 2023 is very clear. Their average high school GPA remained consistent, and there was a two-point increase in the average SAT / ACT math score over last year's class average.

I'm glad to say that Webb continues to rise above recent national controversy by maintaining the integrity of the admissions and financial aid processes, regularly refining it as times change, selecting students who are the best fit for Webb, and educating them to be successful in the maritime industry and beyond. This upcoming year, I look forward to another successful process while continuing to show prospective students and their families what Webb is all about!



Dr. Michelle Stein
Webb Psychologist

WEBB'S GROUP EXPERIENCE PROGRAM

by Lauren Carballo
Director of Admissions & Student Affairs

In response to the results of a campus climate survey given in the spring of 2016, which identified a need for an onsite mental health counselor at Webb, Dr. Michelle Stein, a psychologist who specializes in individual and group psychotherapy, was asked to join the Webb family. In her first year at Webb, Dr. Stein established three initiatives, which have been implemented over the past three years. These initiatives include:

- The Freshman Group Experience Program – a program designed to assist with and improve the transition of the freshman class by providing them with a support group. For this mandatory program, the incoming freshmen are split into three groups of approximately nine students that meet weekly with Dr. Stein beginning the first week of classes. For the 2018-2019 academic year, this program was six weeks long.
- Weekly Group Experience Program – a voluntary program for which interested students are split into support groups, ranging from 6 to 12 students and meet weekly with Dr. Stein throughout the year. For the 2018-2019 year there were six regularly scheduled voluntary groups with Dr. Stein.
- Open Hours – Dr. Stein is available three days per week after classes for those interested in speaking with her on an individual basis for short-term counseling sessions.

The success of these initiatives is apparent in looking at the number of students choosing to take advantage of one or more of these services, particularly this year. In the 2018-2019 academic year, approximately forty percent of sophomores, juniors, and seniors chose to take part in one of Dr. Stein's six voluntary groups. After completing the six-week Freshman Group Experience Program, 78.6% of the Class of 2022 chose to continue with the voluntary Group Experience Program. Attendance in all groups is excellent, demonstrating the high level of commitment the students have for this service.

Dr. Stein's open hours were also well-utilized this year. Approximately one third of students at Webb chose to see Dr. Stein on an individual basis, up from approximately 19% of students over the past two years. The average student scheduled two appointments with Dr. Stein over the course of the year.

In total, 61.5% of the students in the 2018-2019 academic year at Webb utilized one or more of Dr. Stein's services. In the Fall, the Assessment and Care Team distributed a Health and Wellness Survey, and the positive responses regarding the program further supported the students' appreciation of these services. We are confident that the program Dr. Stein has built here at Webb will continue to support our students throughout their Webb experience!

DATES OF INTEREST

Start of the Fall Semester
August 19, 2019

Family Weekend
September 20-22, 2019

Open House
October 19, 2019

Ribbon-Cutting of the Couch Academic Center
October 26, 2019

SNAME Maritime Convention in Tacoma, WA
October 30 - November 2, 2019

Fall Recess
November 25-29, 2019

Final Exams
December 9-13, 2019

Grades Issued
December 16, 2019

Winter Work
January 2 - February 28, 2020

Start of Spring Semester
March 2, 2020

Homecoming
May 16, 2020

Commencement
June 20, 2020



THE NEW FACES AT WEBB

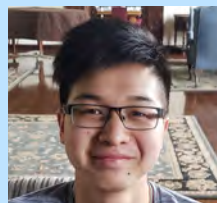
Introducing: The Class of 2023



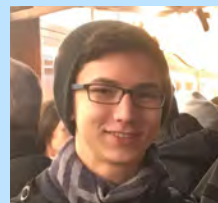
GABRIEL Allen



JONATHAN Allen



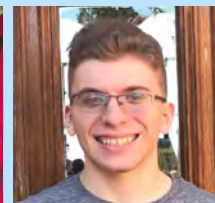
SI CONG Chen



MICHAEL Chor



JACOB Dillistin



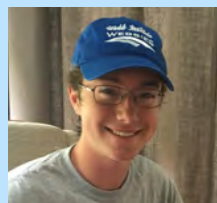
THOMAS Giannuzzi



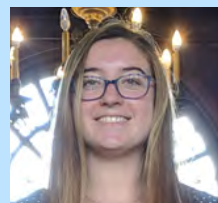
GEORGE Hambleton



ERIC Heilshorn



TOM Hudson



KASEY Kennedy



TORI Kim



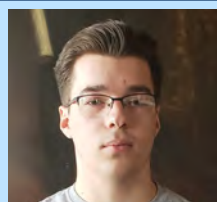
JACK Kirk



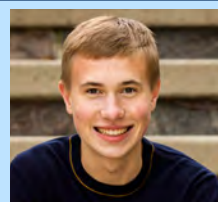
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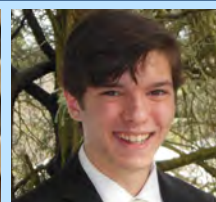
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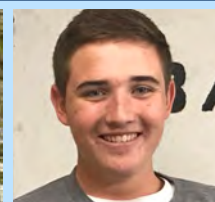
COLE Matthes



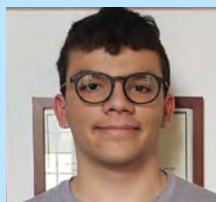
KYLE Murphy



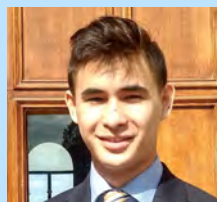
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JACK Otto



LORENZO Pensabene



NATHANIEL Phillips



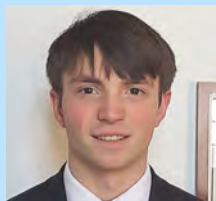
ERIN Postma



MARK Reed

11% EAGLE SCOUTS

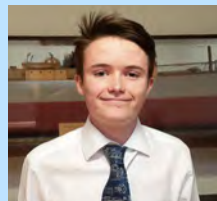
21% ROBOTICS
PARTICIPANTS



ALEX Resio



KIRA Shaw



LUKE Sullivan

61%
SERVED IN
LEADERSHIP
ROLES

Captain, Founder,
President, Chair, Head,
or Editor of a Club or
Sports Team



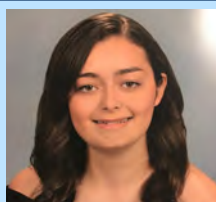
ADRIANA Torres-Rodriguez



DECK Uttmark

79% PARTICIPATED
IN VARSITY OR
CLUB SPORTS

The most popular include
Track or Cross Country (29%),
Sailing (25%), Volleyball (18%),
and Swimming (18%)



NATALIE Webb

51% PLAY
MUSICAL
INSTRUMENTS

Voice, Saxophone, Flute, French Horn,
Mellophone, Trumpet, Herald Trumpet, Piano,
Guitar, Drums, Electric Bass, Clarinet, and Violin

Message from the Dean:

A Short Moment to Reflect



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

As I sit in the relative silence of my office that comes with early July when the students and faculty are somewhere other than on campus, I have the opportunity to reflect on the past six months and all that has been accomplished. But not for too long, as the fall semester starts in a short six weeks.

The twenty-one members of the class of 2019 successfully completed Webb's demanding academic program and are entering the workforce or continuing their educations at elite graduate schools, all while carrying Webb's name and its tradition of excellence. The juniors, now rising seniors, have become intimately familiar with the challenge of ship design through the exciting industry-supported junior ship-design projects. The sophomores continued their growth and maturation as engineers and people through the more advanced engineering science courses and the explorations of western culture, including the recreation of famous paintings on canvas. The freshmen completed their year-long transition from accomplished high school graduates to full-fledged Webbies, complete with tales of all-nighters, late-night classroom hijinks, shipyard life, firefighting school, and a growing appreciation of the vocabulary of naval architecture and marine engineering.

On the curriculum side, faculty members continued to refine and adjust their course designs, lecture materials, and assignments. This spring semester saw the roll out of a new version of Webb's Naval Architecture 6 (NA 6) course. The new course design focuses on the use of modern engineering analysis tools, specifically finite element analysis (FEA) and computational fluid dynamics (CFD). The course exposes students to the capabilities and limitations of both tools while promoting the learning of best practices through manageable sample problems. This

change resulted from discussions amongst the NA faculty and feedback received from industry, recent graduates, and students. Elements of propeller design that were previously the focus of NA 6, were incorporated into the Naval Architecture 3 course in resistance and propulsion.

Faculty and student research continued to be vibrant on campus. Six faculty members commenced a year-long research project sponsored by the Arthur Vining Davis Foundations that is examining how environmental awareness can best be incorporated into an undergraduate naval architecture and marine engineering program. Professor Onas and Will Harris from the class of 2019 coauthored a paper on moonpool resistance that has been accepted for SNAME's 2019 Maritime Convention. Webb's ongoing student-centered research project sponsored by the Naval Engineering Educational Consortium resulted in a 2019 thesis investigating the effects of fouling on vessel maneuverability. In addition, Webb continued its long-standing research relationship with the Office of Naval Research and NAVATEK Ltd.

On the governance side, Webb faculty members have been actively involved in the development of Webb's new strategic plan and the associated revision to Webb's mission statement. In addition, the development of Webb's accreditation reports and the associated preparation for the upcoming accreditation campus visits started in earnest during the spring. Finally, work related to the Couch Family Academic Center continues, with the focus shifting from facility design to the selection of furnishing and equipment to outfit the new academic spaces.

When put all together, it was a busy six months. But as Webbies, we know no other way!



UNIVERSITY OF SOUTHAMPTON EXCHANGE PROGRAM

*Embracing Both Technical
& Personal growth*

by Umberto Jose Varbaro

I am very pleased that the University of Southampton allows third-year students to engage in an exchange program at a college such as Webb Institute, with its high academic reputation and its unique learning environment. I am really glad that I took advantage of this opportunity.

My semester abroad at Webb has been amazing experience both technically and personally. The program is challenging and the fact that everyone studies the same course generates even more cohesion between students and interest in the courses. I am glad that at Webb I can experience a different learning method than the one at the University of Southampton, being both efficient in different ways. This is one of the key aspects of my exchange program, as it allows me to acquire knowledge through different approaches and perspectives.

Probably my favorite aspect is the opportunity to enjoy the program with extraordinary people. The environment is very friendly, as it is very easy to feel liked in a 'big family' here at Webb. There are also fantastic opportunities to practice sports and other activities within the student community. Sailing boats, tennis courts, an indoor gym, and a basketball court are all located on campus and are easily accessible. These activities are always open for people who want to join, and the attitude is very pleasant.

Another main benefit from this Semester Abroad program is the opportunity to enlarge my network and connections in the marine industry. Webb supports the attendance of students at different types of meetings and conferences, which allowed me to acquire new perspectives on the industry and also to travel in different states. I attended the Chesapeake Sailing Yacht Symposium in Annapolis,

the CMA Shipping Conference in Stamford, Connecticut, the Offshore Technology Conference in Houston, and SNAME Metro meetings in New York. When travelling to these events, we often had the opportunity to meet with Webb Institute Alumni. It was interesting to notice how the cohesion among the members of this community is preserved also after graduation through the Webb Alumni Association.

Apart from travelling for conferences, by studying here at Webb Institute I could experience the culture in the United States: I visited Long Island, New York City, Boston and during spring break, I went for sailing training with other Webb students to Florida for preparation for an important sailing event. All these travels and opportunities allowed me to appreciate the differences between Europe and the US, as well as meeting new people.

For all these reasons, this has been a fantastic experience in a unique place!



Umberto with members of the Webb Sailing Team

SHIP DESIGN 1

SMALL VESSEL DESIGN HIGHLIGHTS

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

In the second semester of their junior year, Webbies reach a major milestone in their professional careers as naval architects and marine engineers when they take part in their first complete concept design. Having spent the first three years learning about the different elements of ship design, including stability, structures, resistance, powering, and the many ship systems found onboard a vessel, this is their first opportunity to put all this information together.

This year, the Class of 2020 produced seven different vessel designs, with each design group being given a statement of design requirements from a vessel “owner” and contacts in industry to serve as their mentors. The vessels that were designed included:

- Two dive-support vessels to support the construction of offshore renewable energy fields providing electricity to coastal communities from wave, wind, and tidal energy sources.
- A luxury yacht to accommodate 36 guests for cruising along the U.S. East Coast and Caribbean for personal use and to entertain the owner’s business clients.
- A trailing suction hopper dredge to achieve the increased dredging capacity required to deepen and maintain harbors and their approaches to accommodate the larger commercial vessels being built.
- A high-speed emergency response vessel to support search and rescue, emergency medical services, and terrorist response activities.
- A multipurpose fishing vessel to operate off the coasts of Alaska, Washington, and Oregon for crab pot fishing and fish tendering.
- A passenger/vehicle ferry for service from Newport News/Norfolk, VA to Wilmington, DE to allow private and commercial vehicles to by-pass the Washington DC/Baltimore metropolis and its associated traffic.

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

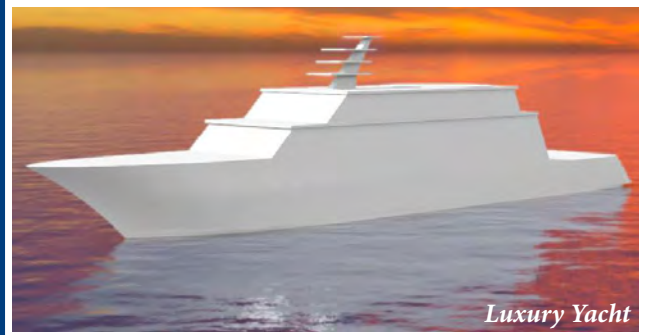
Additional Projects



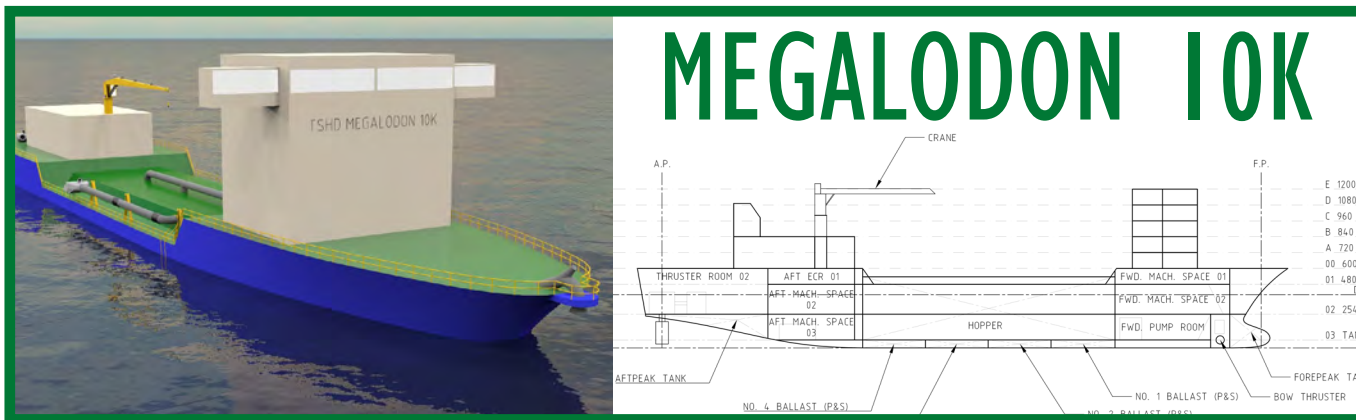
Search and Rescue Boat



Dive Support Vessel



Luxury Yacht



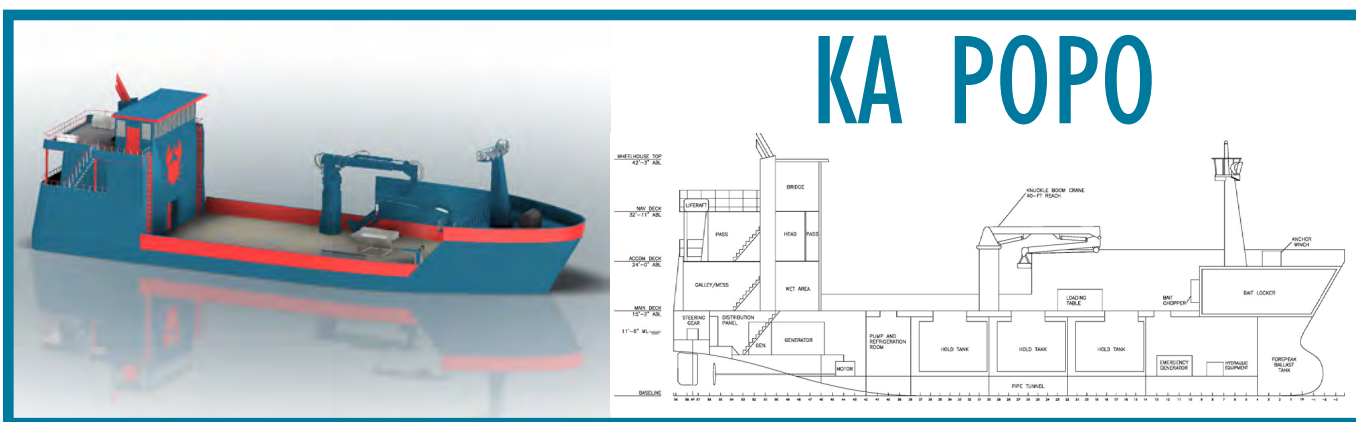
DESIGNERS: L. J. Bock, Max Haland, Matthew Migliozi, and Brandon Wui

Mischief Design Group designed the *Megalodon 10K*, a self-propelled 410-ft trailing suction hopper dredge with a 10,000 cubic yards hopper, dual drag arms, and dual dredge pumps.

The vessel is designed for a range of marine waterway maintenance projects along the East Coast of the United States and allows for discharge at sea through an onshore pipeline or a bow “rainbow” nozzle.

Propulsion is produced by two electric motors, each driving a fixed-pitch azimuthing Z-drive thruster. Combined with a 1100 hp controllable-pitch bow thruster, the vessel is highly maneuverable in narrow waterways.

Two dredge pumps allow for discharge at large distances and elevation gains. Two drag arms allow for operational redundancy.



DESIGNERS: Isabel Hill, Audra Milbitz, Max Pierce, and Jonathan Wang

The *Ka Popo* is a multipurpose fishing vessel 120 feet in length and powered by a diesel-electric hybrid propulsion system with a battery bank and biodiesel capability.

The vessel can carry up to 200 crab pots which can be side-launched from the vessel using the deck-mounted pot launcher; they pull in about 124,000 lbs of crab per season. The hold tanks have a capacity of 8,000 cubic feet, and the seawater is fully refreshed every 15 minutes to support the live catch of red king crab, snow crab, and Pacific cod.

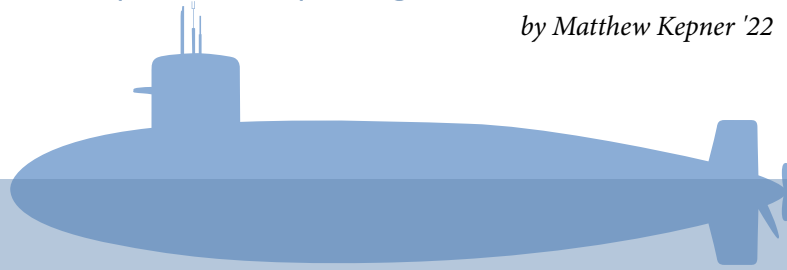
During the summer months when king crab fishing is out of season, *Ka Popo* acts as a tendering vessel for salmon and herring fishing vessels. The vessel moors to these other fishing vessels, transfers their cargo to her holds using a vacuum pump, and refrigerates the water in the holds to keep the fish fresh.

The vessel is designed for operation in the waters off the Pacific Northwest and Alaska, and has been designed in accordance with 46 CFR, including a gross tonnage requirement of 200 GRT.



My Voyage to Webb

by Matthew Kepner '22



My name is Matthew Kepner and how I got to Webb Institute is a little unusual. I first applied to Webb in 2005. I was accepted for the fall of 2005, but I did not attend. I went to another college for a few years and ended up enlisting in the Navy in March of 2010.

Fast forward to August of 2014 when I arrived on the USS *Mississippi* SSN-782 following the nuclear training pipeline and a shore tour as an instructor at Nuclear Power Training Unit Ballston Spa. When I got to the *Mississippi*, it was stationed in Groton, Connecticut. Two of the Junior Officers on board were Webb graduates, both from the class of 2010. Joshua Rothman and Alexander Scott were both division officers on board the *Mississippi* when I arrived. During my time on the *Mississippi* with them, I learned that Josh and Alex had both gone to Webb. I told them that I had been accepted but that I did not go. About a year and a half before I got out of the Navy, I was standing watch with Josh and, again, the topic of Webb came up. He asked if it was something I was still interested in and I told him yes, but that I didn't think that they would take me because of my age. He told me that if I been accepted before, I could definitely get in again and that they didn't care about age.

When we returned from that underway, I made my first phone call to Webb and spoke with Lauren Carballo about starting my application process. Throughout the following year and a half and at least a dozen phone calls with Lauren, I studied for and took the required standardized tests and filled out my application for the Fall of 2018. I asked if I could visit campus early and do interviews before the normal window as I was scheduled to deploy again in September of 2017. I visited Webb in August of 2017 and completed interviews with President Michel and Professor Harris. When I returned from deployment in March of 2018, I spoke with Lauren again and found out that the admissions committee still

had more questions for me and that I was invited for a Potential Freshman (PF) visit. I made my way from Hawaii to Webb in April of 2018 and had my PF visit. I had additional interviews with Dean Werner as well as Professor Scott. At the end of my visit, Lauren told me that the class was almost filled but that the visit went well.

I found out in May that I had not been accepted into the class of 2022 because it was already being full, but that they wanted to offer me admission for the class of 2023. I accepted the offer immediately and also informed Lauren that if by chance a spot opened up, to call me and I would do whatever was necessary to be there for the fall. As luck would have it, I received a phone call 23 days before the start of orientation saying that someone had backed out and that the spot was mine. I accepted immediately and so began my Webb journey.

My first two semesters at Webb have gone by very fast. I often think about the conversations I had with Josh and Alex about Webb and how grateful I am that Josh and I happened to stand watch together on his last underway on the *Mississippi*. Those conversations led to my applying to Webb and ultimately realizing my goal of attending the best Naval Architecture school in the country with the perfect environment for me. I may be the first veteran student at Webb in a long time, but hopefully this will open the door for others as well. This is an amazing school, and I am extremely grateful to have this opportunity.



Matthew working on an engine



Matthew with Ben Hunt '21 during Founder's Day

THE CAPE TOWN EXPERIENCE

by Galen Ng '20

After spending two decades of my life in the northern hemisphere, I decided it was time to abandon our blistering winters for once and work at Triton Naval Architects in Cape Town, South Africa, for my junior-year work term. All I can say is that I got what I expected and then some. There is an extremely diverse and rich culture in South Africa as a whole, but Cape Town is a real melting pot of communities. Speaking of melting pots, the food was also spectacular (and cheap.)

Balancing work with tourism was easy because of the long, sunny days. I worked regular hours on structural design and ship stability in our waterfront office in close proximity with the fishing trawlers; I am of the opinion that offices and tons of fish are not a great pairing. Learning engineering software, especially because I was not too comfortable with ship stability prior to this work term was a valuable educational experience.

On the tourism side, I became close friends with my flat mates—well, at least the ones who washed their dishes and did not eat my food—and we would frequently experience Cape Town together on weekends. Some of the more memorable outings include surfing at Muizenberg and Kommetjie, scuba diving for the first time at Boulders Beach with jackass penguins, and hiking Lion's Head and Table Mountain.

All in all, it was a great summer work term for both work and personal experiences. I had a real adventure complete with geckos in my office and bedroom, training with future Olympians (I expect to see you at Tokyo 2020, Siboniso), voracious mosquitoes, flat-mate bonding over food poisoning, idyllic sunsets, and really weird Afrikaans music. I will be back soon, Cape Town.





A COMPUTATIONAL FLUID DYNAMICS ANALYSIS OF MOONPOOL ADDED RESISTANCE



William Harris '19

*Advisor:
Professor Adrian Onas*

ABSTRACT

The effect of moonpool geometry on a bare hull's calm water resistance was investigated numerically using fully viscous CFD simulations of 2D and 3D computational domains. Simulations were performed using a Series 60 hull form with a block coefficient of 0.65 as the base case. The effect of changing the cross-sectional shape of the moonpool recess was examined by comparing the predicted resistance of the original hull with the result of the model fitted with various moonpool configurations. The kinematics of the separated flow within the moonpool recess and downstream of the underside of the moonpool recess revealed a relationship between the length of the recess and added resistance. Additionally, the impact of varying the recess height was investigated by comparing the free-surface elevations between simulations. It was determined that shallower recesses increased the amplitude of the moonpool motions and therefore the overall vessel resistance. It was also determined that 3D effects were necessary to full capture moonpool motions.

OBJECTIVES

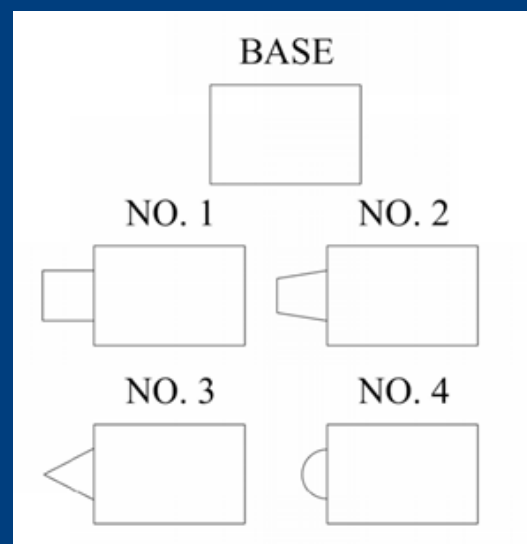
The objectives of this thesis were to investigate the effect of varied moonpool recess geometry on the calm water resistance experienced by a vessel and to identify the relationships, if any, between two-dimensional and three-dimensional moonpool simulations.

PROCEDURE

A Series 60 hull form with a block coefficient of 0.65 was simulated in order to validate the physical setup of the numerical simulation in Star-CCM+. The geometry was then modified to include moonpools of the geometries

shown in the figure below. The resistance for each geometry was measured at Froude numbers between 0.10 and 0.20, and these values were compared to that of the base Series 60 hull. Additionally, two-dimensional simulations were conducted by changing the height of the recess to be 25%, 50%, and 75% of the full load draft. The resistance and height of the free surface elevations for each different geometry were measured to determine the effect of recess height on moonpool added resistance.

FIGURE 1



Moonpool Geometries Tested

These geometries were taken from a Samsung Heavy Industry patent filed in 2012 and were scaled to match the dimensions of moonpools tested in van't Veer and Tholen's 2008 model campaign.

CONCLUSIONS

Based on the simulations performed, there appears to be a relationship between the length of the recess and the moonpool added resistance, with longer recesses leading to a decreased added resistance. It was observed that there were two main driving forces for the added resistance, the impact of a shed vortex on the aft wall and the impact of the wave formed at the free surface. The relative magnitude of each of these forces varied between geometries. In terms of the two-dimensional simulations, shallower recesses (those with lower recess heights) experienced increased resistance because of a larger fluid region within the moonpool.

FIGURE 2

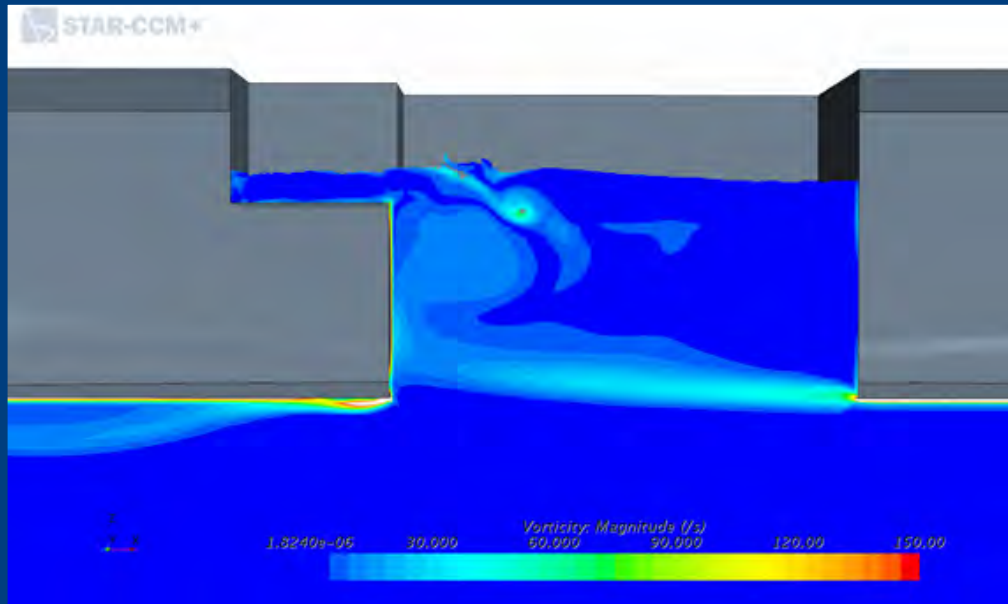


Figure 2. Water motions within the moonpool for the rectangular recess at a Froude number of 0.20. This case shows the point of peak resistance, and you can see that the main source of added resistance is the impact of the shed vortex on the aft wall of the moonpool.

FIGURE 3

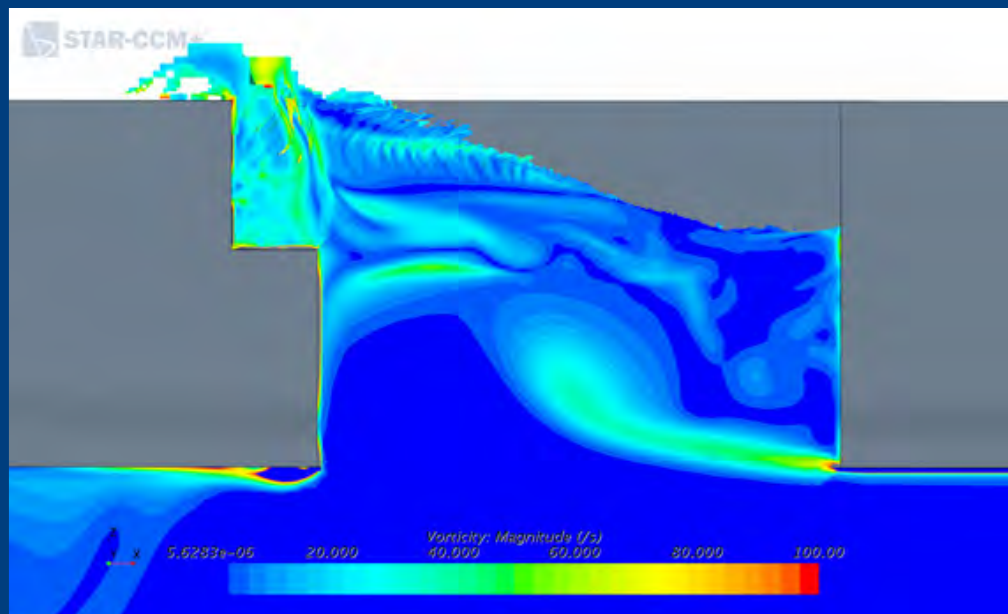


Figure 3. Water motions within the moonpool for the circular recess at a Froude number of 0.20. This recess experienced the highest overall resistance increase with the addition of the moonpool because the circular recess amplified the motions within the moonpool and was not long enough to allow energy to dissipate over the recess length. Here you can see that the point of peak resistance is caused by the impact of a rather large wave at the free surface impacting the aft wall of the recess.



Mara DuVernois '20
Student Organization President

Message from the S.O. President:

A Quick Year in Review

Happy Summer! Once again, Webb has been emptied of students, who are now pursuing relaxing summers, internships, traveling, and more. Spring semester has been a delight, and full of amazing opportunities – from SOCO events to waterfront activities. The successful rafting trip in the fall was followed up by a great ski trip this spring. SOCO events from Casino night to Webbstock and the annual Gatsby party have filled our weekends with excitement.

All of this fun outside of class is not to be outdone by academics. The freshmen completed their first year of Webb and even got to meet Professor Soupios' snake. This spring, sophomores created some unique paintings for Western Culture II. In the fall, the juniors enjoyed Long Island Maritime History, Economics, and Creative Writing electives, and this spring they wrapped up their first Ship Design course. The seniors partook in Engineering Management, Computer Programming C++, and Manufacturing Processes electives and have successfully completed their theses!

Webb athletes worked hard this past year. The sailing dinghy team was just short of competing at Nationals, and the offshore team took on the Block Island Race. The tennis team also had a great season, earning the Hudson Valley Intercollegiate Athletic Conference Championship once again! Props to the men's basketball team and soccer team for their perseverance in tough seasons. Also, congratulations to the women's basketball team for their 4-2 winning record, and the women's tennis team for the win over Vaughn. The volleyball team also had a great victory over CIA!

Founder's Day was a success again this year, with projects from painting the parking lot and fire escapes, to building benches and shelves, to gardening. Webbies

show, however, that giving back is something that need not happen only on one designated day of the year. From volunteering at Brooklyn Boatworks to the WooFs to Engineering Day, students were involved in clubs and giving back to the community.

It has been an absolute honor to be the S.O. president for such a great year! I would like to extend huge thanks to the administration, faculty, staff, and of course, students for making this year so excellent. Another huge thanks to the seniors for being such a great class. We will miss you, and good luck in your future endeavors!

Also, I would like to congratulate Ioana Mirica '21 for her election as S.O. president for next year. She did a great job leading the women in her role as WOW chair last year through events from baking to wine glass painting, and I know she will do fantastic work leading the S.O. in 2019-2020. She joins six other elected students to form a spectacular top seven for this upcoming year. Congrats to all seven, and good luck! We're looking forward to you leading us through another great year!



Mara power washing during Founder's Day

Campus News

Giving Back on FOUNDER'S DAY

*by Richard Harris,
Assistant Dean and Professor of Humanities*

Founder's Day this year was held on Friday, May 3. What began as a nice day gradually became another typical Founder's Day: overcast and wet. However, the failure of the weather gods to cooperate did nothing to compromise the dedication of Webb students, faculty, and staff who participated. Once again, numerous tasks designated by Director of Facilities John Ferrante assisted by Julian Benitez, and others suggested by students, were carried out during the afternoon.

The dinner program, which began with President Michel's welcoming remarks, featured a Founder's Day presentation by 1995 graduate Mike Hutchings, who talked about the meaning and importance of "giving back" in life. The traditional cake cutting this year was carried out by Professor Wiggins and by the youngest Webbie, Gracie Schmitz '22. Once again Chef Rob and his staff served a delicious dinner. The evening was capped off by the singing of the Webb Marching Song.

A special note of appreciation goes to S.O. President Mara Duvernois '20, who headed up organization of the day's activities.



Campus News

LEADERSHIP: WEBB PROVIDES MORE THAN JUST AN ENGINEERING EDUCATION

It is very valuable for an engineer to have skills in leadership, communication, and teamwork.

The Leadership Committee at Webb provides a platform for students to develop and practice these important skills. Throughout the semester we have a wide combination of short and long-term projects to provide opportunities for practice in these areas. Webbies who choose to participate in Leadership Committee plan and organize projects or events that the entire Webb community can also participate in, such as volunteering at bird sanctuaries, cooking meals for the Ronald McDonald House, various events over Homecoming weekend, a mentor/mentee program for upper and underclassmen, and volunteering for Brooklyn Boatworks. Some larger events we host include Engineering Day and Shark Tank.

Engineering Day welcomes over one hundred 4th-6th graders to the Webb campus for a full day of fun engineering experiments!

This year the kids learned about Naval Architecture, Aerospace Engineering, Chemical Engineering, and Electrical Engineering from our students. Webb students plan an interesting classroom lesson to teach fundamental principles of each subject then use this new information in an exciting hands-on activity. By doing this, Webb students earned skills in project planning, teamwork, organization, and teaching. All of the families love this event and plan to come months in advance. Webbies leave a favorable impression on the Glen Cove community, helping an exceptional college to become better known.

This spring the Leadership Committee held the first ever very fun Webb Shark Tank event! Modeled off of ABC's reality TV show, *Shark Tank*, the purpose of this event was to inspire Webbies to come up with the most creative and captivating experiments they could think of. The winning experiments are to be used as projects in Engineering Day this upcoming fall. The Webbies brought it all to the table as they designed experiments, tested their feasibility, managed budgets, and presented their work to a panel of sharks. Students were able to learn aspects of project proposals, planning, and presentation. Some experiments included lifting weights using moving water, fluid flow analysis through visualization particles, erosion prevention, and structural design.

We are very thankful that Webb offers the Leadership Committee as one of many ways in which students can develop skills in leadership, communication, and teamwork. The Leadership Committee has made a huge impact on Webb students and the surrounding community.

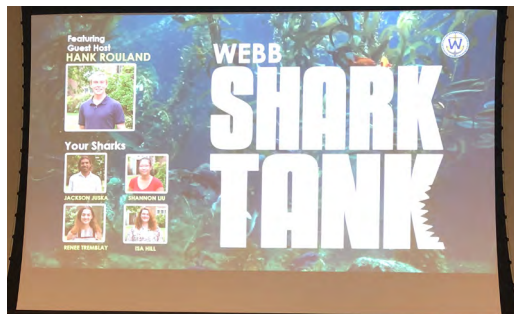
- Jackson Juska '21



Webb volunteers cleaning up the Welwyn Nature Preserve



Minh Tran '22 teaching Engineering Day students



The Sharks with their host, Hank Rouland '21



ANCHOR CLUB

by Dan Desio '21

The Anchor Club, the Christian group on campus, spends its time volunteering around Webb and Glen Cove as well as meeting on a weekly basis. This past semester, the group volunteered at the First Presbyterian Church of Glen Cove preparing and serving a meal for homeless individuals. They prepared a meal with the gracious offering of President Michel's kitchen and made chicken parmesan for approximately 35 people, including the part-time volunteers at the homeless shelter. At Webb, the Anchor club hosts a bonfire each semester down at the yacht club where people can come and watch the sunset,

roast marshmallows, or play lawn games. The Anchor Club also reaches out during the stressful season at Webb and makes cookies for all the classes during Finals Week. The club's weekly meetings are open to all at Webb, and most weeks have several students from each class. Each meeting consists of a praise and worship time followed by a Bible Study and praying for those in the club and everyone in the Webb family. The club hopes to continue to serve those in and around Webb by continuing to volunteer at places like the homeless shelter and help people at Webb.



CALLING ALL WEBBIES!

by Gailmarie Sujecki (Hon.)
Executive Assistant to the President
& Director of Alumni Relations

THIRD ANNUAL THANK-A-THON - Over three nights in September 2018, members of the senior class participated in Webb's third annual Thank-A-Thon. They attempted to call over 900+ individuals who had made a donation to Webb in 2017-18. The seniors enjoyed speaking to many alumni, parents, past parents, trustees, and friends of the school. It was also much easier for them to make calls thanking people for their gifts, instead of asking people for a gift, as they did during their freshman year. Many were surprised to get a call of 'thanks' instead of a 'plea' for a gift or pledge.

PHONATHON - In April 2019, the Freshman Phonathon secured pledges that totaled \$127,483 from 110 individuals. As an added incentive, we awarded a gift card to the following students (some won more than one) who either secured the largest number of pledges; the highest dollar amount in pledges or the largest number of credit card gifts. Freshmen who received a gift card include Anika Breza, Toni-Marie Gossage, Chris Hamilton, Nathan Johnson, Matt Kepner, Juliette Lehman, Jim Rodgers, Ethan Singer, and Minh Tran.



One of the Freshman Phonathon groups

Campus News

SO CO A Year in Review

This 2018-19 school year was packed with fun events for the students and Webb community. The fall semester began with our annual Back to School Bash. We started the afternoon with a Yacht Club social, inviting students, staff, and faculty to enjoy the waterfront. Students spent the day sailing, waterskiing, and playing lawn games, followed by a barbeque dinner and a bonfire for roasting marshmallows. The following Sunday, students spent a relaxing day in the sun at Bruce Rosenblatt's home for the annual Webb Pool Party at Lake Yankee. This event gave a good start to a semester full of enjoyable on-campus and off-campus social events for the students.

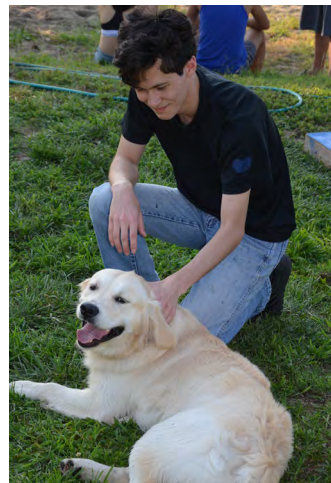
Some of the events in the fall semester were a trip to Jones Beach on Labor Day, a showing of *The Dark Knight* for our fall movie night, and trips to the Brooklyn Botanical Gardens, the Bronx Zoo, and Coney Island. There was also a Comedy Show in the Brockett Arms Pub, coordinated by Michael Malinowski. Students attended the Queens Night Market, went apple picking, did pumpkin carving, and went rafting in upstate New York for Columbus Day weekend.

There were several parties on campus this fall. We had our Webb Coho Memorial Regatta party, a Halloween party, our annual Casino Night, the Holiday Craft Party, as well as our annual Christmas Party. The Halloween party, hosted by the freshmen, featured spooky decorations in the pub and a costume contest. Casino Night was sponsored by the Senior class; students spent the night playing card games, watching the class horse-race competition, and participating in a silent auction at the end of the night.



The Women of Webb at the Gatsby party

The spring semester started off in March with a Mardi Gras party. Following that, the junior class hosted a St. Patrick's Day party, with various Irish-themed games. In May, the sophomores hosted a Cinco de Mayo party. In addition to these parties, there were multiple off-campus events organized for the students. These included trips to the MoMA, the NY Botanical Garden, the NY Auto Show, and the Jones Beach Air Show on Memorial Day.



Sean Hughes '19 with Barney during the Welcome Back BBQ

Webbstock this year was on June 1st. It was hosted on the front lawn and featured the bands Frantic City, Joe Cole, Rodney Bandz, and our returning pub headliner, Zillawatt. Webbstock also featured student performers with the Jazz Band. Professor Gallagher, Professor Onas, and Pat Doherty returned to play, as well.

The following weekend, the Gatsby party took place, featuring swing dancing and music provided by the Swing Street Band. After the Gatsby party, an extra weekend in June was used to throw a tailgate party, a themed outdoor event with barbecuing and music.

In total, this year was a great year for social events, and the students look forward to more fun events thrown by the Social Committee for the Webb community.

- Sarah Stretch '19



Dan Roske '19 hitting it big at Casino Night



NETWORKING AMONG THE BEST

In mid-October, the women in the Class of 2020 went to Minneapolis, Minnesota, to attend the Society of Women Engineers Annual Conference. The conference is the largest gathering of women engineers across all major engineering disciplines. The Webbies attended "lightning talks" and keynote addresses about women in engineering and were able to network at the Conference Career Fair.

In early May, the Class of 2020 along with their Assistant Professor of Naval Architecture, Adrian Onas, attended the Offshore Technology Conference (OTC). The conference brought together more than 59,000 professionals, from over 100 countries, to Houston, Texas.

On the first day at the conference, the whole class listened to presentations about the offshore oil and gas industries. Then the students were free to attend technical sessions related to their interests. They could also visit the exhibition hall, where thousands of company and professional society representatives gathered. Students had a chance to talk with designers, project managers,



SWE Conference

multidisciplinary engineers, marine surveyors, and salespeople about products, processes, and business practices. They could familiarize themselves with some of the well-known companies that do business in the offshore oil and gas industries and ask questions about their products and designs in order to learn more.

Although the weather was quite stormy, the Webbies seemed to have a great time while in Texas. They were not too upset when their flight back to Webb was delayed a day because of the bad weather. In their down time, some explored downtown Houston, while others found delicious barbecue and tacos or went to the local aquarium. The students also had the opportunity to attend a Webb Alumni Meetup to connect with Houston Webbies while in the area.

- Reneé Tremblay '20



Offshore Technology Conference

WEBB ATHLETICS FALL '18 - SPRING '19

Webb Athletics offers a special opportunity for our students not only to participate and compete in the many different sports offered against other local colleges: it promotes physical exercise and an opportunity for our hardworking students to forget about work for a while, enjoy the spirit of competition and build special bonds with their teammates as well. Webb athletes accomplish these goals every year and that is how we measure their success! Congratulations to everyone who participates and represents Webb Institute on the playing field!

continued...



by Pat Doherty, Director of Athletics & Electronics Lab Technician

Athletics

WEBB ATHLETICS *continued...*

WEBB WOMEN'S BASKETBALL

The Lady Webbies had a great first full schedule season with a winning 4-2 record. They defeated Cooper Union twice, The Word of Life College, and Vaughn College each by at least a 20-point margin.

The success of the team was aided by the coaching of Alum Ryan Chozick '18 who did a terrific job. The team looks forward to next year as their schedule in 2019 is already set up. We say goodbye to the team's founder and the leading scorer Senior Captain Taylor Campbell '19 and thank her for her hard work and dream to keep our Lady Webbies playing!

WEBB MEN'S BASKETBALL

The 2018 men's basketball team came close to victories in both games against Cooper Union and played very well against several other opponents. The team was led by seniors Ben Lee, Andrew Pidduck, and Abishai Thomas, all of whom played basketball at Webb for four years. Their ability, hustle, and leadership will be missed greatly. Senior Taylor Campbell also was a big help to the men's team, and she also took her talents to the women's team, leading them to a winning season. The team was fortunate to welcome several freshmen—Toni-Marie Gossage, Chris Hamilton, Nathan Johnson, and Liam Keady—who should be important players in the future.

WEBB SOCCER

The Webb soccer team deserves a tremendous amount of credit this season. With construction taking Thorpe Field away from them temporarily, the team practiced on the front lawn and put in many hours of work. With a limited number of travel games, they made the best of the season and made us all proud. This season included a game under the lights at SUNY Maritime with great views and a great atmosphere of respect. We have also supplemented our reduced outdoor schedule with a Spring indoor Season at Hofstra University. This gives our players ten games this season against local school and private teams on Tuesday evenings and so far seems to be a great success and another opportunity for our players to play the game they love.

WEBB TENNIS

The Webb Tennis team made even more history in 2019 by being the first sport to repeat as Hudson Valley Intercollegiate Conference Champions! Finishing in 2nd place overall in the regular season, Webb "aced" the 1st place Culinary Institute team and earned the shutout in the Conference Championship Tournament!

Congratulations to everyone who played this season and major congrats to our two senior captains, Brent Hill '19 and Seth Jones '19, for sailing this team to the best finish in school history!

WEBB VOLLEYBALL

The Webb Volleyball team, also coached by Webb alum Ryan Chozick '18, played well and capped off its season with a victory away against Cooper Union in Manhattan. Seniors Josiah Ng, Easton Tilicki, Andrew Pidduck, and Abishai Thomas will surely be missed and deserve our congratulations for representing Webb Institute for four years!

WEBB RUNNING CLUB

The Webb Running Club continues to show strength in all of the events that they participate in. The Ocean to Sound Relay which is from the south shore of Long Island to the north shore is a very popular annual event for the club. There are many local 5K races in which our Webbie runners participate and do very well.



The Tennis Team on the Pratt indoor courts



The Basketball Team striking a pose in the Webb gym



WEBB SAILING

This past year has been one of tremendous improvement for the Webb Sailing Team. In the fall, we won the Central Qualifying series for the War Memorial, our fall conference championship, and achieved overall victories at both the Central Fall Open at Monmouth University and our home regatta, the Coho Memorial.

At War, we placed 12th, making our presence felt at the conference level and automatically qualifying us for the America Trophy, our conference's spring championship. For reference, the top 12 in the Middle Atlantic Sailing Association (MAISA) are considered as an elite group, and earning our way into this group was an outstanding achievement. The team worked very hard in the fall to earn this position but committed ourselves to trying to qualify for college sailing nationals by earning one of the top nine positions as the America Trophy.

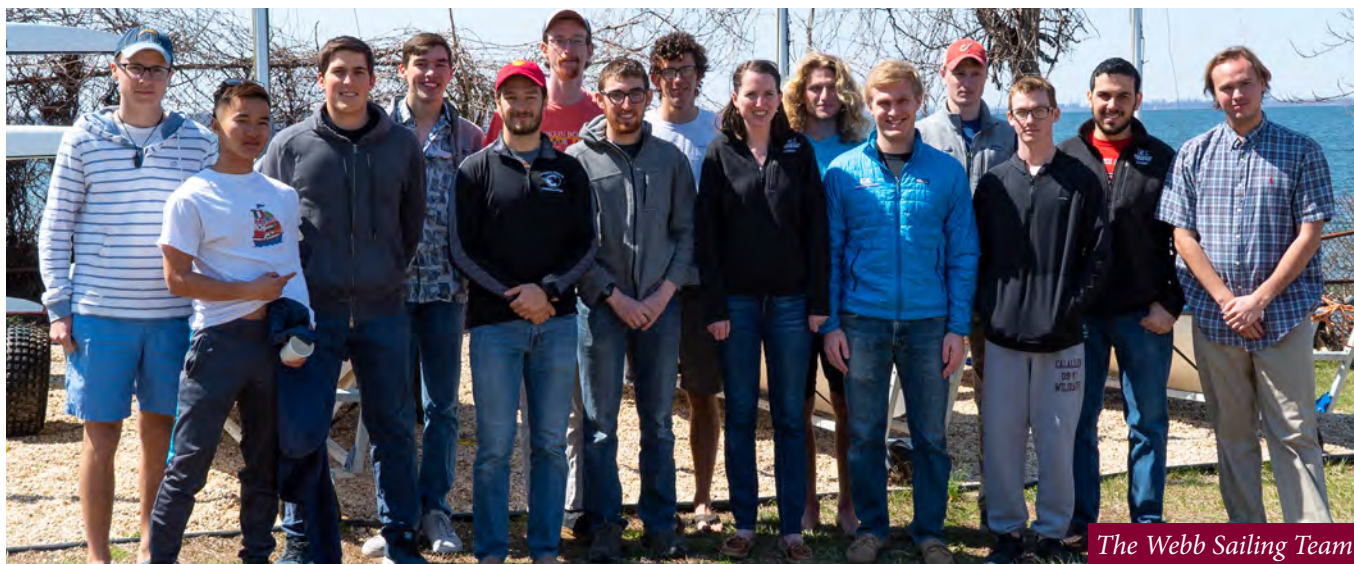
The team continued to work hard in the spring, and won our early season regatta, the Hanbury Trophy. This regatta was an invitational hosted by Christopher Newport University, and featured a combined style format with each team fielding three boats and everyone racing together. The next big test of preparation for America came at the Navy Spring Open. This high-level interconference event featured 18 of the nation's top teams, and the team performed admirably finishing in a very respectable 11th place overall.

The team organized a spring break training trip to the University of South Florida in St. Petersburg, Florida. We trained the whole week of spring break, taking advantage of their fleet of FJs and made final preparations prior to the America Trophy. On Saturday at America, the winds were gusting over 35 knots and sailing conditions were extremely challenging. The team battled in the difficult conditions and finished the day in 12th, 50 points out of 9th. Sunday was quite the opposite of Saturday with no wind for most of the day. Racing began around 2 PM and continued until 4 PM. Within those two hours, the team performed incredibly well and managed to close the gap to 20 points from ninth place. In the end, the weather did not work in our favor, and we were unable to qualify for nationals. Although this was very disappointing, the team is taking it as a learning experience as we seek to continue improving and competing at our highest level. Our 12th place America Trophy finish pre-qualifies us for the fall War Memorial and the fall Interconference Showcase Series.

It has been my privilege to lead the team this past year, and I could not be prouder of everything that has been accomplished. There was remarkable improvement in the team from top to bottom.

The team says farewell to our outgoing seniors, Declan Gaylo (Co-Captain 2016-2018), Muriel Weathers (Co-Captain 2016-2018), Blake Loncharich, Will Wiley, Isaac Wilson, and Josiah Ng. We thank them for their commitment to the team during their time at Webb. Their presence will be missed.

- Matthew Miglioizzi '20



The Webb Sailing Team

Webb Alumni Association Report:

Creating and Building Relationships



Ian Mutnick '96
President of the Webb Alumni Association

The Webb Alumni Association is focused on increasing alumni interaction to benefit three key areas: alumni-to-student relations, alumni-to-alumni relations, and alumni-to-school relations. Our WAA Mentor program, in its third year now, is a cornerstone of building alumni-to-student relations. Our increased use of social media as well as regional social events for alumni, students, and staff, fosters better relationships in all three areas and increases the fundraising potential of the Webb Alumni Fund.

Sean Murphy '13 and Satchel Douglas '15, are doing a great job with the WAA Mentor program. The WAA Mentor Program continues to grow each year. This year the Webb mentor program has 23 pairings. We are also in the process of making some minor changes to the program based on feedback from both mentors and mentees. We currently have a pool of roughly 80 mentors. We can always use additional volunteers, especially as the mentor program grows with more interest from students. To volunteer, contact Sean Murphy, or me at WAAPresident@webb.edu.

The Webb Alumni Fund is doing very well under the leadership of Jake

Neuman '93. Jake has done an amazing job as WAF chairman and somehow continues to grow the Webb Alumni Fund every year. Next time you see Jake, make sure to thank him for awesome job he is doing!

In 2020 the Webb Alumni Association will assist in conducting a series of social events around the country so alumni have an opportunity to learn more about the updated strategic plan, hear details on the new building, and ask any questions they have about Webb. Look for a local event near you. If you would like to help organize an event near you, please contact me at WAAPresident@webb.edu.

The WAA is a volunteer organization, and without volunteers it would not exist. If you would like to assist with our activities, whether in a formal or informal role, please contact me.

We look forward to seeing alumni and friends of Webb at the WAA Annual Banquet. This year it will be on the 1st of November in Tacoma, WA, the Friday night of the SNAME annual meeting. Plans are already underway to make this event a huge success.

WAA EXECUTIVE COMMITTEE

Ian Mutnick '96
President

Vicky Dlugokecki '88
Vice President

Leah Sosa '08
Secretary

Ted Dickenson '92
Treasurer

Erin Hub '16
Fifth Member

Alana Duerr '08
Sixth Member

Jake M. Neuman '93
Chairman, Alumni Fund

Peter Wallace '93
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

Jake Genauer '10
Audit Committee

Jon Dowsett '09
Audit Committee

Mike Abbruscato '11
Nominating Committee

Mike Hutchings '95
Nominating Committee

David M. Bovet '70 Receives the 2018 William Selkirk Owen Award



The Webb Alumni Association (WAA) was thrilled to present the 53rd William Selkirk Owen Award to David M. Bovet '70 at their Annual Alumni Banquet on October 26, 2018.

Dave was sworn in as a Coast Guard officer, along with one-third of his class, at Webb on graduation day in 1970. He proceeded to Washington where he served as a project officer in Research and Development, supporting the marine safety program.

Despite the Coast Guard's kind offer to send him on ocean station duty, Dave decided to head to Stanford Business School. He and his wife Maureen – they met in the Stevenson Taylor courtyard – spent two delightful years in California. He was then fortunate to join the World Bank in Washington as an economist. He traveled extensively in Africa, Asia, and Latin America, working on rural development, education, and road projects.

The call of the marine industry was strong, however, and Dave next decided to join a management consulting firm with a strong reputation in the marine industry: Temple, Barker & Sloane (now Oliver Wyman). He moved his young family to Lexington, Massachusetts, in 1981. He consulted on public enterprise rehabilitation projects in Africa, wrote oil spill response plans for tankers, helped the US position prevail at the 1984 IMO legal conference on international oil spill liability and compensation, and led logistics projects for companies in the US and Europe. Dave had the chance to co-author a book about supply

chain strategy and to relocate to the Paris office for three years, 2001-2004. He then joined a spinoff consultancy, Norbridge, for ten years before founding his own firm, New Harbor Consultants, in 2015.

Dave spent many years as Class Agent. Since joining the Webb Board in 2011, he has worked on two strategic planning retreats (2012 and 2018), planning for the Couch Family Academic Center, and drafting of two strategic plans. Dave is currently Chair of the Board's Planning Committee. He attributes his modest success in large part to the lessons of hard work and teaming learned at Webb.

The Webb Alumni Association was pleased to honor David Bovet for his outstanding achievements and service to his profession and his Alma Mater.



Ted Dickenson '92 and Neil Gallagher '78 with John Malone '71



L to R: Vicky Dlugokecki '88, Ian Mutnick '96, David Bovet '70, Ted Dickenson '92, and President Keith Michel '73 at the Annual Alumni Banquet

Heritage Society Spotlight: JENNIFER KOLLMER '91



The Relationship with Webb Grows Through the Years

While I'm certain that I'm not alone in being incredibly grateful to Webb Institute for the gift of my scholarship, I'm actually even more grateful for continuing to reach out to high school students interested in engineering. Like many other alumni, I was interested in mechanical engineering; I didn't have much knowledge of the maritime industry. With that very first simple touchpoint (at the time, just a letter and a brochure explaining the educational program and the bequest of William H. Webb that made the scholarships possible), I was hooked on the Webb opportunity, and I continue to be in awe of the way blessings come to us.

My career path after graduation has been a steady one, with little "excitement" – probably a good thing. I started as a junior naval architect at Seaworthy Systems, Inc. in Essex, CT in 1991, gradually working my way up to Chief Naval Architect around the time Seaworthy was sold to Rolls-Royce Naval Marine Inc. in 2008. The executive team at Seaworthy was always incredibly supportive of the maritime community and volunteerism in its employees. They encouraged and assisted in my participation in both SNAME and the Webb Board of Trustees, for which I am incredibly grateful. With Seaworthy I worked on several great design projects, primarily passenger vessels, including those for Casco Bay Island Transit District, Maine State Ferry Service, and California Department of Transportation, as well as fast ferries for Pequot River Shipworks – the first vessels in the US to be built to the

DNV High Speed Craft Code. I also supported naval architecture/marine engineering design service contracts with Military Sealift Command and NOAA, and ended Seaworthy's run with the design of three new sludge ships for the New York City Department of Environmental Protection. So many years working with wonderful people and varied, exciting projects!



With Rolls-Royce, I have taken a new path into service and lifecycle engineering, and while I am sad to have left true vessel design work behind (at least for now), I enjoy the challenges of working with a global company. It certainly makes me admire so many of the Webb alumni that have taken the opportunities to work overseas, and I've been so excited to see Webb enabling students to take winter work opportunities in other countries! (Huge thanks to those alumni who have offered up positions and supported this effort in so many ways!) I am also pleased to see so many students in these recent decades volunteering in community service opportunities. My "side job" is as Chief of Service of our town's ambulance association, and emergency medical service has become a bit of a hobby for

me. Without volunteerism and the spirit of giving back or paying forward, our world would suffer greatly.

To that end, I have always been grateful to my husband, Rich, and our children, Olivia and Michael, for their understanding of what Webb means to me. They have willingly supported family treks to Long Island for Homecoming and Graduation, as well as trips for regional alumni events, and evening and weekend hours spent in support of the Board of Trustees and the Webb Alumni Association. (While Olivia has chosen to enter a nursing program at the University of Portland, I'm hopeful

Michael might still be interested in engineering!) Having been so involved in Webb activities made the discussion of our participation in the Heritage Society an easy one. For now, that participation is inclusion of a modest fixed sum bequest to Webb Institute in our will. We contacted our lawyer to draft up a will when our children were born, and we review it every 5 to 10 years as life changes. I am looking forward to the years ahead when we transition our children into their independent lives (after college payments!) and are able to make greater contributions to Webb through the Annual Fund and planned giving.

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.

REGIONAL EVENTS



Students with alumni during CSYS in Annapolis



Students and alumni had a wonderful lunch with some recent grads/interns at NASSCO last February in San Diego



There was an excellent turn-out at Jennifer Panosky's '85 home in CT



There was a Northern California "unofficial" regional event at the monthly SNAME meeting



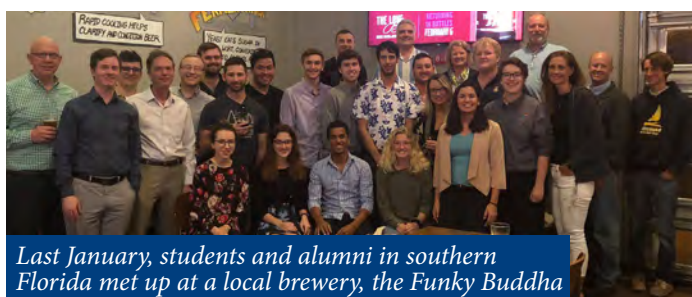
Webbies having dinner at Boat Quay, Singapore with Duane Lee '20, Matthew Fox '04, & Jake Genauier '10



During Winter Work term, Webbies met with a few alumni in Cajun Country



John '71 and Amy Malone hosted San Diego winter work students



Last January, students and alumni in southern Florida met up at a local brewery, the Funky Buddha

HOMECOMING

The Last of Its Kind!

This was an extremely special Homecoming, the last one of its kind until the opening of the new Couch Academic Center, where the landscape of the campus will be forever changed—for the better!

Presentations were made focusing on the history and future of Webb, starting with a viewing of Spencer Schubert's Zeien lecture about the concept and creation of the life-sized, bronze sculpture of William H. Webb. Afterwards, a presentation was made by students, describing their recent Winter Work experiences. René Tremblay '20 and Linda Waters '20 spoke about the "The Braes" and the history of the Glen Cove campus. This was followed by a presentation by President Michel and architect, Dr. Carol Bentel of Bentel & Bentel, about the landscaping and construction of the Couch Academic Center.

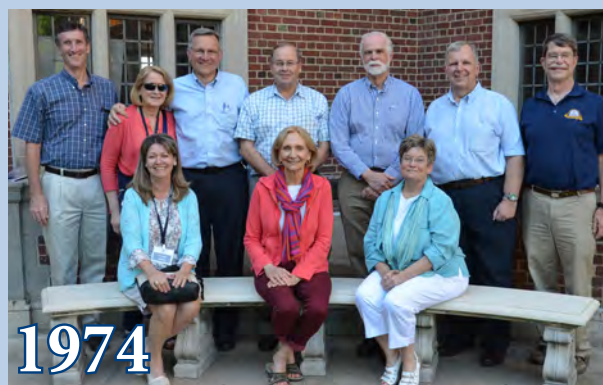
Special highlights included personal tours of the new Couch Academic Center given by President Michel '73, Dean Werner '95, PG'97, and Dr. Bentel.

As always, the WooFS gave an excellent performance, as did the Webb Student Jazz Band.

Special thanks to Gailmarie Sujecki and the Development, Culinary, Media Relations, and Facilities teams that made this all possible!



---- REUNIONS ----



Virginia Tech Professor Dr. Joseph Schetz '58 Receives the 2019 DRYDEN LECTURE IN RESEARCH



Dr. Joseph Schetz '58

"The lectureship works to emphasize the importance of basic and applied research to the advancement in aeronautics and astronautics and is a salute to research scientists and engineers."

Virginia Tech Professor Joseph Schetz '58 was recently awarded the 2019 Dryden Lecture in Research sponsored by the American Institute of Aeronautics and Astronautics. The distinguished Dryden Lectureship in Research was named in honor of Hugh L. Dryden in 1967. The lectureship works to emphasize the importance of basic and applied research to advancement in aeronautics and astronautics and is a salute to research scientists and engineers.

Dr. Schetz, the Fred. D. Durham Endowed Chair in the Kevin T. Crofton Department of Aerospace and Ocean Engineering, presented "Truss-Braced Wing Designs for High-Speed Transport Aircraft" in early January in conjunction with the 2019 AIAA Science and Technology Forum and Exposition in San Diego, California. In his presentation, Schetz narrated NASA scientist Werner Pfenninger's vision that a large, commercial, transonic truss-braced wing aircraft might soon become a reality as Boeing completes its current study on building and flying a truss-braced aircraft under NASA's X-Plane program. The aircraft is one of the four X-Plane aircraft studied to evaluate future technologies to reduce fuel-consumption, noise, and NOx emissions. As a university researcher, Schetz helped lead the early research efforts to bring that vision to reality. The story of transonic truss-braced aircraft is a story of what can be accomplished when academia, industry, and the government work together.

Dr. Schetz began his professional career at General Applied Science Lab in New York in 1961 performing innovative analyses and experiments on the then-new concept of supersonic combustion ramjets. In 1964, Schetz joined the faculty of the University of Maryland as an associate professor. In the same year, he began work as a consultant for the Applied Physics Lab at Johns Hopkins University. While at the University of Maryland and Applied Physics Lab at Hopkins, Schetz made many important contributions to high-speed aerodynamics and combustion.

Dr. Schetz joined the Virginia Tech community in 1969 as head of the aerospace engineering department, a position he held for 24 years until 1993. Under Schetz' leadership, the department saw a rapid expansion and a new emphasis on research and graduate study. He also led the addition of ocean engineering to the program.

Dr. Schetz's research interests cover all aspects of aircraft aerodynamics and design and experimental and theoretical fluid dynamics, with a particular emphasis on high-speed flows and propulsion.



Alumni News In Memoriam



1944B

Edmund T. Klemmer passed away on February 3rd at age 94.

After graduating from high school

he attended Webb Institute of Naval Architecture and then pursued a PhD in Psychology from Columbia University, NY. Edmund served as a fire control officer in the US Navy aboard the USS *West Virginia* in the Pacific. Edmund's civilian career began at David Taylor Model Basin, Carderock, MD. In 1957, he joined the research team at IBM, Yorktown Heights, NY and then, in 1962 moved to human factors engineering research at Bell Telephone Laboratories, Murray Hill, NJ. After retiring from Bell Labs in 1982, he became an ergonomics consultant to various firms, and at IBM, Research Triangle Park, NC.

Ed married Ruth Anna Rickers at Luther Place Memorial Church in Washington, DC. They had two children. Ed also enjoyed playing tennis and organizing new leagues each time the family moved. Working for peace and social justice was a moral imperative for Ed, and he invested great energy and resources toward those objectives. He was predeceased by his son, Paul Edmund Klemmer, and by his wife of 62 years, Ruth. He is survived by his daughter, Karen, and her husband, a granddaughter and grandsons.



1945

Dr. Edward W. Ross, Jr. passed away on February 5th at the age of 93.

He was a gentle, humble, brilliant, witty man. He

spent much of his life as a resident of

Sudbury, MA, and later of Eastham, MA. Ed participated in many sports, loved mathematics, bridge, lobster, history, and cheering on the Red Sox and Patriots.

He was an active member of the Methodist church in both Sudbury and Orleans. He raised five children with thankful hearts, and loved his wife, Nancy. His family plans to honor his memory with an event later this year. For his last year and a half he was a resident of The Terraces nursing home in Orleans, MA.



1951

George A. Petersen passed away peacefully at the age of 89 on January 13th, after a brief bout of pneumonia.

George was predeceased by his wife, Edith.

George was a man of many deeds but of few words. George spent his earliest years growing up on Long Island, and so it was a natural fit for him to attend Webb Institute. George graduated from Webb Institute and one of his fondest memories was as a young graduate traveling up the Amazon to the Brazilian port of Manaus.

George's work took him to AiResearch Industrial Division in Phoenix, AZ, to work on turbocharger design, and then to ACME Industries as a regional sales manager covering the western US. The bulk of George's career, however, was spent as an associate and finally principal at DMG Corporation selling HVAC equipment to commercial and industrial accounts in the greater Los Angeles area.

George was an active and energetic man who enjoyed outdoor pursuits,

including tennis, golf, softball, and – in his younger days – sailing. In later years, George focused his energies on travel, bridge and taking daily walks around Virginia Lake to observe the migratory waterfowl.

George is survived by his sons and grandchildren.



1952

Dr. Alfred M. Zeien passed away on, February 18th. *(Following are excerpts from the Cutting Edge about Gillette.)*

Alfred M. Zeien is a first-generation American. His father moved to the US as a young man from Luxembourg, and his mother emigrated from France. They came through Ellis Island, courted, married and settled down to raise a family in the NYC. Zeien excelled academically, graduating first in his class in both elementary and secondary school, and as a result he had exceptional college opportunities to sort out when he turned seventeen. Harvard and MIT both offered full scholarships, but Zeien was intrigued by another school, the little known but greatly respected Webb Institute of Naval Architecture in New York.

Zeien was one of nine who graduated, a bona fide naval architect eager to put his skills to work. Shunning big corporations, Zeien started a design firm in CT, where he and five employees designed yachts, did the lofting, and ordered materials for specialty yards up and down the East Coast.

The Korean War changed the nature of boat building, and Zeien decided to move on and attend Harvard Business School. There he became intrigued and



fascinated by the nuclear submarine program led by the legendary Admiral Hyman Rickover. At twenty-six, Zeien became chief estimator at the General Dynamics shipyard at Groton, CT, and at twenty-eight he was sales manager. Five years later, he was working out of General Dynamics headquarters in Manhattan, in charge of mergers and acquisitions, and learning some Wall Street lessons that would prove critical twenty years later at Gillette.

In 1968, just after Gillette concluded its purchase of Braun AG in Germany, he was hired by Gillette and sent immediately to Frankfurt to start up an international division for Braun as its general manager.

When Zeien returned to Boston to stay in 1978, he assumed the role of Gillette's most senior technical manager, and he played a pivotal role in developing the Sensor razor. He reorganized the company's technical operations and its approach to developing new products.

In 1991 he was elected Chairman of the Board, and he guided Gillette for eight successful years before retiring. He remained active on a number of Boards, and has been a generous benefactor to Webb Institute.

In 1997, Webb awarded him with an honorary Doctor of Science degree. In 1999, he established a lecture series that would be designated the Dr. Alfred M. Zeien Lecture Series. The lectures occur at least annually for the purpose of broadening the education of Webb students by exposing them to leaders in industry, government, the arts, academia, or other communities as may be appropriate.

1953

William J. Hooker passed away on January 18th, just three weeks after



celebrating his 87th birthday with family in Mooresville, NC. He is survived by his wife of 46 years, Judi; his high school sweetheart and first wife, Gladys; his son, and a daughter and four grandchildren and one great-grandchild.

Bill took an early interest in science and engineering. He was an avid airplane modeler in high school, winning the State championship in U-Control powered airplane flying. He really spread his wings in higher education. He graduated from Webb Institute, Cornell University, and Caltech (Ph.D. physics, 1958). First jobs as a physicist were with General Electric in Schenectady, NY, and Convair in San Diego. He worked on the Mercury space program and other cutting-edge high-tech programs. He has a number of scientific publications and patents. Like many physicists, Bill had an entrepreneurial streak which found expression in his mid-30s. He co-founded Xonics, a medical device company in Los Angeles that went public. Several companies later, he ended his career as a Senior Fellow for a think tank in Washington D.C. In retirement in Sarasota, FL, and Huntersville, NC, he volunteered at the University of South Florida, the USO at Charlotte International Airport, and at the family store in Huntersville.

John "Jack" Roper of Hancock NH, passed away after a period of declining health, on May 17, 2018, at the age of 86. He was born in Richmond Hill, NY, and was raised on Long Island. After graduating from Webb, Jack then completed Officer Candidate School and served in the U.S. Navy for four years.

Upon leaving the Navy, Jack and his family moved to Stony Brook, NY. He was employed at Grumman Engineering for several years before starting his own companies, Atlantic Hydrofoils and John K. Roper Associates. Jack designed, built, and tested many ships for the U.S. Navy. He also designed ferry boats for the Massachusetts Steamship Authority and for Fire Island in New York. After the Roper family moved to Hancock in 1972, Jack became very involved in town affairs. He served as a Selectman for many years and as a volunteer with the Hancock Fire Department for 17 years. Jack was also a member of the Building Committee for the Hancock Post Office, Hancock Library addition, and the new Hancock Firehouse.

In addition to his loving wife of 64 years, he is survived by his daughters and grandson.

Thomas S. Taylor passed away on November 21, 2018.

1957

George B. Patterson passed away on October 16, 2018 in Melbourne, FL.



PG'59

Cdr. Robert Cole UMBERGER of Riva, MD, passed away on March 6th at the age of 88.

After graduating from Beaver High School in Bluefield, WV, Robert enlisted in the U.S. Navy. Two years later he attended the Naval Academy and graduated in 1953. He served in the Navy for more than 26 years. His service included Aviation Electronics School, U.S. Naval Academy Prep School, Flight Training, Sea Duty (Heavy Cruisers), graduate school at Webb Institute of Naval Architecture, Ship Construction



Alumni News In Memoriam

and Repair, Ship Design Manager, and Contract Administration.

Robert retired from the Navy in 1973 and accepted a position with M. Rosenblatt and Son. There, he continued his work in ship design, project management, and contract administration until 1997. In 1953, Robert married Carole Leatherbury and together they had two children. In 1974, Robert married Regina Romanosky Kopack. He is survived by his wife, Regina, his children and step-children, grandchildren and great-grandchildren.

1961

Wayne H. Christensen Jr., passed away on May 30, 2019. He proudly served his country in the U.S. Navy for four years as a Ship Supervisor at the Long Beach Naval Shipyard. Wayne would go on to complete a post graduate degree from MIT. He worked for Humble Oil and Farrell Lines while in NY before moving to Houston as President of Academy Tankers. Wayne's vast knowledge and experience allowed him the opportunity to work with Norwegian Cruise Lines in planning routes and courses for their ships. In his free time, he became a Gold Life Master in the American Contract Bridge League as well as Director of Duplicate Games at the Clear Lake Bridge Club. His love of the water continued as a member of the Houston Yacht Club, where he sailed in many Harvest Moon Regatta down to Port Aransas.

He is survived by his wife, Gerry, two sons, a daughter, and two grandchildren.

Richard A. Mulford passed away in late-February 2019. His ashes will be scattered at his favorite lighthouse in ME.



1963

Dr. Michael L. Silber 76, of Fredericksburg, VA, passed away on July 5th. Michael worked for 35 years at

Northrop Grumman and BAE as a Senior Systems Analyst after serving in the United States Army. He obtained his B.S. in Naval Architecture and Marine Engineering at Webb. Michael held advanced degrees, including a Masters in Mathematics from Queens College, and a Doctorate in Physics from Iowa State University. Michael enjoyed photography, reading, traveling and working on model airplanes. Michael made time to attend reunions across the country with his classmates from Webb. He served on the Board of the Loudoun County Public Library and was a member of the Fredericksburg Flying Club. He is survived by his wife, Roberta, sons, daughters-in-law and grandchildren.



PG'68

William T. Gurnee passed away on February 28, 2018. Ted was born in NYC and died peacefully at his home in La Jolla,

CA, surrounded by his loving wife and family. Ted had a long and illustrious career, starting with his graduation from the Naval Academy in 1961. Ted was among the first seeking a specialty at USNA.

Following service at sea, aboard destroyers, Ted was assigned to the Webb Postgraduate program, receiving his MSC of Naval Architecture and Bachelor of Science in Marine Engineering from Webb in 1968. His entrepreneurial spirit led him to establish many successful businesses

that related to his naval and scientific background. He was unique in that he started the only company to own, operate, manufacture and maintain hyperbaric chambers in the U.S., as well as throughout the world, for over 40 years. Ted married Michelle, the love of his life in 1995.

In Loving Memory:



Maureen Olsen

passed away on January 24th. "Reenie" was enjoying retirement in Nokomis, FL with her husband, RADM Robert

R. Olsen, Jr., USCG Ret., president of Webb from 2005-2013. Reenie suffered a brief illness stemming from acute myeloid leukemia.

After graduating from the Massachusetts College of Art in Boston, Reenie married another New London native, Rube Olsen, 50 years ago and had two wonderful children, Colleen Bozarth (Tom) and Derek Olsen (Casey). Together they travelled many Coast Guard miles. In all, they moved 19 times. Reenie will be remembered for her magnificent talent for painting. Some of her works were shared with the public in the CT governor's office in Hartford as well as the portrait of her husband, the 37th Superintendent of the Coast Guard Academy. Her paintings were awe inspiring and her smile infectious. She was a true beauty.

In addition to her husband, children and four sisters, Reenie leaves her two grandchildren, Luke and Camile; 15 nieces and nephews; and her brothers-in-law.



1950

Dave Purdy: He has four children, no grand kids and his health is good (also good news at our advanced age). I received word that *The Nautical Research Journal* has sent me a contract for my article on Mississippi River barges, so I think it is now safe to say that they will publish it sometime soon. A barge, in this case, is a nineteenth century commercial boat, propelled by oars.

Niel Spillane wrote: As I dodder up on becoming a centurion, I am blessed with no identifiable life threatening diseases and am still driving not only for modest travel about the state of CT but as president and driver to ailing members of an organization that helps seniors to enjoy life in their own homes. I am further blessed with three children, six grandchildren, and four great-grandchildren, and when my sister and I have a family reunion they all seem to enjoy each other's company. The greatest blessing is to note that all the younger clan members seem to have found careers that they really love to follow, have become exceptionally good at, and have also found a way to get paid quite well for it. Life can't get much better than that.

1955

Jim Harvie wrote: The New Bedford Whaling Museum is presenting an exhibition built around some of my collection of marine art. The exhibition is named "George Gale, A Sea-nurtured Artist" and will open April 27, 2019, and run until January, 2020. This is the Museum's notice of the exhibit: "The exhibit highlights the whaling and maritime themes explored by Gale, one of the last important artists to document the New Bedford whale fishery from firsthand observation. Drawing largely from the collection of James Harvie of Topsham, ME, who was a boyhood neighbor, friend

and admirer of Gale when they both lived in Barrington, Rhode Island, Gales's etchings and watercolors will be augmented by objects from the collections of the Museum."

Life continues to go well for us. Ruth and I were in Barbados for a month this winter.

1957

Don Caldera and Lilivet, his lady of 59 (!) years, moved from Grand Junction, CO, in January 2010, where they enjoyed the High Plains Valley of the Rockies for seven years. Rationale was to be closer, i.e., 10 minutes, from their son Andrew, who had retired as a Captain, USN (Intel) after a fine 34-year history career. With his Texas family, he had decided to stay in state, and connecting with family – culminated a program which closed out the engineering, law, acquisitions, company operations, and investment banking career that has seen them in various US and foreign locations over 40 years while calling their lakeside home in Lake Placid, NY, "Home".

Medical items intruded into the later plan as Lilivet got a shoulder fix, and a new hip later year-end '18, and Don had successfully, first a battle with carotid arteries and then, in April, an aortic valve replacement with a new minimally invasive "quick" fix technique in Fort Worth. Despite seemingly endless cardiac rehab to return to former stamina, the upcoming holidays promises more frequent return to the golf course on which they have their new single-family house in a Lakeside Resort NW of Fort Worth.

Don and Yvette's program now has much more time for visitors (welcome mat and plenty of room for friends, especially Webbies!), bridge, gold, and of course, travel. They enjoyed South Africa, Tanzania, Switzerland, UK,

Svalbard Island (Northern Arctic), Hudson Bay, and Brazil in recent years. There are still destinations on the list, and hopefully, special travel companions.

1958

Nancy and Pete Hall are still fortunate to be in good health and able to keep busy. Nancy visits friends in nursing homes and rehab centers, plays duplicate bridge twice a week, is on the East Lyme Library Friends board, manages to keep our house operating, and me fed. Most of my time is still spent in volunteer activities. Twice a week I'm at the New London Soup Kitchen picking up food for them and running the dish washing machine for clients numbering around at lunch. I'm the food coordinator for the East Lyme Care&Share organization pantry which provides an average of 70 households a week and a half's worth of food each month. I shop, order, pick up, and stock all the non-perishable items for the pantry. I also spend about ten hours a week on church activities, the same church I've attended for over 50 years.



Mark and Elaine Henry dancing in Palermo



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Mark and Elaine Henry at Stonehenge during their tour of England and northern Wales

1961

Only sad news from the Class of 1961 - we lost two of our classmates; **Richard (Rick) Mulford** in February, and **Wayne (Bear) Christensen** in May. Rick graduated #1 in the class, and Bear was right near the top. We keep Ann Mulford and Gerry Christensen in our thoughts and prayers. And then there were eight.....

1962

Mark and Elaine Henry took two month-long trips in 2018. In May, they took an extensive tour of England and northern Wales, returning to the US on the *Queen Mary 2*. In October, they toured Italy (Cinque Terre, Cortona, Sicily, and Calabria) and Malta.



Bert Bowers with his banjo

I am still fencing. While the "younger" 70-year-olds are now dominating the 70+ Men's Epee age group, I fenced very well at the 2018 National Championships, held in Salt Lake City in July, finishing in 7th place.

Bert Bowers: Below is a photo of me playing a banjo that I bought in 1959, when I was a student at Webb. I played it for a couple of years, but then took up the guitar. The banjo has not been in playable condition since the early '70s, but is now fully restored and playable. It is at least 100 years old as there is a patent date of 1884 stamped on the neck and the company that made it (in Boston) appears to have gone out of business in 1920.

1963

G. William Birkhead, Esq. was named one of the *Best Lawyers in America* in the field of Transportation Law.

In other news... Not surprisingly, there have been a fair number of hospital visits, broken bones, operations and joint replacements. I won't mention any names in order to protect the innocent. I guess these travails are to be expected as we move into our late 70's. Not all of us are has-beens, however. **Bott Weiss** spent several months in Europe in his perennial quest for the perfect wine. The **Smiths** spent their winter in the warmer climate of FL where



G. William Birkhead was named one of the *Best Lawyers in America*

they have become regular community members. **Max Altmann** is, I believe, working on another Norse Saga, while single handily keeping his local library open and solvent. Not sure about all of the destinations, but our West Coast classmates, **Deckebachs, Hall, Olsons, Marge Verdon** is currently on an extended European jaunt. Several of us (including me) continue to add to the roster of grandchildren, and I believe one or two have ventured into great grandchildren.

To me (Birkhead), and to others of our class, one of the best occurrences this past year is the addition of another to our roster. When we were at Webb, it was a less forgiving place, in that a problem with one course could and did lead to dismissal. While a couple quit, most of our attrition from 24 freshmen to 15 graduates was caused by academic problems. One of our most dedicated NAs-to-be, **Tim Graul**, lost out to freshman calculus, but graduated later from Michigan and became a nationally known and well respected NA. This year we stumbled upon another of our x-63's, **Kurt Kramer**. Kurt left during our junior year, a loss felt by all of his classmates. Kurt went on later to graduate from Rutgers and have several careers with his wife Maria. Always a



Jersey Boy, Kurt and Maria continue to live there. Since reappearing, Kurt and Maria have visited the **Rodgers, Silbers, and Birkheads**. Of our original 15 graduates, there are 12 still alive. One would think that this would limit our participation in the WAF to 12, but I am happy to say that we should have 15 or 16 donors this year, including Tim Graul and Kurt Kramer. In some ways, that is a testimonial to Webb, but I consider it a testimonial to the lasting friendships among the '63's.

1966

John Newcomb: Cathy's Choice II (CC2) Progress Report. I have been intending to send a report and photos of my latest boat project (CC2) once the boat is completed and in the water.



John Newcomb's latest boat project, Cathy's Choice II (CC2)

Progress has been slower than originally planned (my classmates can tell you about my productivity without an externally imposed hard deadline) so I am submitting this interim progress report to show where things stand at this juncture. CC2 is an Arch Davis Jiffy 22. In profile she has the appearance of a small lobster boat, but she is hard chined rather than having the rounded bilges typical of the type. Accordingly, the hull is (mostly) developable surfaces and can be planked with sheet plywood rather than having to splice and fit individual planks around the turn of the bilge and up to the sheer. The keel, stem, chine logs, and sheer clamps are made from white oak that was milled from a tree that grew on our property and was felled by hurricane Isabel in 2003. Planking is marine plywood made from Okoume, a light weight African mahogany. The hull and all weather decks are sheathed in fiberglass set in epoxy. I am now at the sanding and painting stage. If I can keep myself focused we should be able to get the boat in the water and cruising later this year. I hope she floats...shiny side up. If she does, I'll try to remember to send an update with photos of the finished boat underway.

1967

John Russell wrote: This winter was kind of tough for the family. I had prostate surgery just before Thanksgiving. All went well in every respect, but recovery is what it is. Our younger daughter's husband underwent back surgery this spring. That was hard on him, but he and our daughter have three kids (four, two and six months), and they both work in demanding jobs. I started the reconstruction of the oldest commercial building in Portland, without a tenant. At my age, that sort of risk might not be wise. But the summer looks promising. I'll take our 17-year-old granddaughter to Italy for two weeks; Mary and I will spend two weeks



John Russell with his six month old granddaughter



A drawing of a commercial building John Russell is reconstructing in Portland



John Russell with a spare Packard engine

at our cabin in the San Juan Islands; we'll spend three weeks in Mary's family cottage on the southern Maine coast; and we'll share a charter catamaran with two other couples in ME.

This is a spare Packard engine from the



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The Class of 1969 during their 50th reunion at this year's Homecoming at Webb

only PT boat with original operating engines. Mary and I supported its restoration by purchasing and donating three engines and barrels of spare parts some 15 years ago. These supercharged engines would make any marine engineer proud.

1969

John and Jan Paul celebrated their 50th wedding anniversary June 21st 2018 with their family at The Boothbay Country Club and their home in ME. Their daughter, Melissa, was inducted into The Blair Academy Athletic Hall of Fame on Saturday, June 8, 2019.

The Class of 1969 held our 50th reunion at Homecoming. We had a wonderful time thanks to the gracious hospitality of Keith Michel, Webb students, and the Webb staff.

1973

Ralph Hubbard wrote: The greater Webb family is invited to sail with us on a charter at <https://nowandzensailingcharters.com/>

1977

This year we had two mini reunions. The first was in the Adirondack Mountains in February 2019, and the second was at Shelter Island last Spring. As you can see, we try to keep them

busy! That's **Scott Richards** sledding in our adult sled run. The last photo is of **Steve Shepstone** and **Scott Orlosky** climbing Mt. Rainier last fall.

1985

Doug Goldhirsch writes from ME: I'm still here running this boatyard. Trying to retire, but not so easy. [If there's anyone one out there who wants to buy a boatyard, give him a call!] The catboat is in the water after about ten years out of it. Mast not in yet, but soon. My 14-year-old son is doing well, enjoying sports and tolerating (barely) school. My wife Sharon is doing well, over three years since the kidney transplant [which Doug gave her!]. I'm the first of us to turn 60!! I'll always have THAT on you guys!



The Class of 1977 in Shelter Island last spring



Climbing Mt. Rainier



Scott Richards hitting the slopes



The Class of 1977 reunion in the Adirondack Mountains



Steve Neely writes from VA: We took off ten weeks last summer and sailed/motored 1200 miles from the Chesapeake Bay up to Lake Huron to the family cottage. The cottage, in Georgian Bay, Ontario, has been in our family since before I was born. It was pretty special to be able to take my parents and family out sailing there.

Jim McMahon and his wife Linda report: two down, three to go! Their two oldest children, Jimmy and Derek, have graduated from GMU and UVA, and their daughter Megan is now at GMU. No Webbies in the mix just yet, but Jim still has twins Jessie and Katie in fifth grade - so he's still hopeful. Jim now works for a small 'startup' in northern VA as a systems and software engineer. With three more to go through college, Jim looks forward to retirement in just forty more years!

Jen Panosky reports: I retired in September... and I highly recommend it! It's been great to have lots of time for gardening this spring. Mark and I are doing a lot of traveling, including several trips to visit our grandson (and his parents) in MI. I am getting a little carried away with language studies, working on French, Italian, and German.

Rob Sippel writes that academic librarianship at Florida Institute of Technology continues to suit him well. He teaches a range of workshops and has just started studying for a graduate



Every reunion is complete with a Webb cake!



The Class of 1988's reunion event at Vicky Dlugokecki's home

certificate in Data Science. He and Marnie enjoy living at the beach—except for the occasional hurricane evacuation.

1988

The class had our 30th reunion during the 2018 Webb Homecoming. **Vicky Dlugokecki** was kind enough to host the event at her house in Franklin Square, where many a Webbie had been treated to her mom's braciola back in the day. We got about half the class: **Vicky Dlugokecki, Nancy (Anderson) Harris, Manny Hontoria, Mike Hughes, Matt Kelley, Dave Kring, Steve (Stevo) Matz, Steve Pagan, and Tom Ryan.** Even **Rik Harris '85** was there! And we Face-Timed in a couple more - **Ian Busch** and **Dan Michaud '88X.**

Steve Pagan is still at Chevron and is currently helping to design a semisubmersible floating production unit for the Gulf of Mexico. If the project is approved and the schedule holds, he and his family will soon be moving to South Korea to build it.

1993

Ben Rising writes: Debbie and I celebrate our 20th anniversary this August. We are going on a cruise from



J. Carey Filling was recently promoted to the rank of Senior Executive Service

Italy to Greece to celebrate. Workwise, it's been 26 years at Walz & Krenzer for me. I think I might be the only person in the class who has stayed with one company since graduation; if not, definitely the longest employed by a single company. Wes is 16 and Charles is eight. Enjoying life in CT.

J. Carey Filling was promoted to the rank of Senior Executive Service (SES) serving as the Director for Surface Ship Design and Systems Engineering (SEA 05D). In this position, he is head of the Group within the Naval Sea System Command's Naval Systems Engineering Directorate that provides the technical leadership to ensure current and



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Jake Neuman with his wife and children

future U.S. Navy surface ships can safely and effectively perform mission requirements.

Al Kamahi met up with Fish (**Sean Gahagan '93X**) in San Diego for dinner. He seems to be doing well! Al's son is moving onto junior high, and his daughter going into the last year of elementary school. Otherwise, still commuting to Mexico City, although far less frequently.

Jake Neuman writes: I am really enjoying serving as Alumni Fund Chairman and working with so many people that actively give back to the school. When not at work, I am usually at some basketball, volleyball, or soccer



Matt Denson with one of his grandchildren

game or tournament for the kids. Most common question I get from others is "Where do the kids get their height?", as they tower over me. Nick (17), Tommy (15), and Ellie (13) are doing well academically and in extracurricular things and Mary and I are trying to cram in family time (like this trip to Austria before they start heading off to college.)

Matt Denson is happy to report being a new Grandparent. His daughters each gave birth three weeks apart from each other.

Erik Nilsson shares that work is primarily spreadsheets but enjoys a lot of travel in 2018 including a Winter trip to Antelope Canyon; cruise for Josie's 50th birthday; the usual summer trip to ME; cruise for best friend's 50th birthday; By the way, I'm still 48; trip to Turkey for a wedding; visit to Dominican Republic.

1997

The Bollings took a whirlwind tour of the Eastern Time Zone over the Summer of 2018, including a 100th birthday celebration in Pennsylvania, a mini Webb reunion in VA (with Thad & Shannon Michael and Mat & Amy Bird), and a visit to Mammoth Cave and our kinfolk in KY.



Erik Nilsson and family catching some rays



Erik Nilsson and wife visiting Antelope Canyon located in Arizona

1999

Bradley Golden: A small contingent of the Class of 1999 met at Webb this Homecoming to celebrate their 20th reunion. **Jennifer Ryan, Chris Hicks, and Russ Kupferer** came with their families and enjoyed games on the front lawn, gym, and beach, a tour of the new building, and countless hours of reminiscing.

2004

Candace Miano (Brown), husband Dan, and son Luca welcomed sweet baby boy Landon Stewart Miano into the world on June 4, 2019.



L to R: Amy, and Mat Bird, Thad and Shannon Michael, Robert and Heather Bolling



L to R: Emma Bolling, Cole Michael, Teddy Bolling, Sammie Bird, John Bolling, Olivia Bolling



Joseph Golden exploring the Couch Academic Center during Homecoming



Joseph Golden and Connor Kupferer playing on the beach at Webb

2006

Peter Bryn is proud to join ABB as Technical Solutions Manager for North America. ABB is a leader in marine electrification, which is reducing/eliminating marine CO2 emissions through the implementation of pure-electric and hybrid-electric propulsion systems. My new role comes after spending the first nine months of 2018 traveling the world with my partner, Sandy. We visited 21 countries in Central and South America, Africa, the Middle East, Europe, and Asia. Among the marine highlights of the trip were the Panama Canal's Miraflores Visitor Center and a cruise from Abu Dhabi to Italy, passing through the world's other great canal at Suez. The trip reaffirmed the urgency of my life's passion: addressing climate change. But it also gave me great hope, seeing electric cars, buses, and even a few ferries all over the

world. I will also continue my advocacy for a price on carbon emissions with Citizens' Climate Lobby (and welcome other Webbies to join).

2007

Rob Dvorak married Kristen Berberich February 9th at the Fort Belvoir Officer's Club after a Catholic Ceremony at Fairfax Chapel. The couple resides in Mount Vernon, VA. They celebrated with fellow Webbies: **Brendan Carr, Steve Cullity, Wil Danilczyk, Mike Lagrassa, Cyrus Lawyer '06, Jon Leivo, Matt Marburger, and Emerson Smith '08.**

Brendan Carr, Steve Cullity, Wil Danilczyk, Rob Dvorak, Cyrus Lawyer '06, Matt Marburger, Emerson Smith '08 and their families got together in the Poconos in May. They all went on a hike that was longer and harder than expected including some rock scrambling with ten children under the age of five, it was interesting!

Kathleen Minnich is on a rotational assignment with the Deputy Assistant Secretary of the Navy for Ship Programs (DASN Ships) at the Pentagon. She is enjoying the change of pace and learning more about how "The Building" works.



A group of Webbies from the Classes of '06, '07, and '08, along with their families, took a trip to the Poconos



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Rob and Kristen Dvorak with fellow Webbies during their February wedding

2009

The Class of 2009, along with friends, family, and pets, celebrated its 10th anniversary over Memorial Day weekend in Fishs Eddy, NY. A big thank you to **Robert Carelli**, **Niko Martecchini**, and **Josh Rothman** for organizing an amazing reunion weekend for us all!

2010

Simmy Willemann is currently in Tulum, Mexico, enjoying exploring Mayan ruins and snorkeling. Earlier this year she did a ten-day silent vipassanna meditation retreat in the Sierra Nevadas which was a humbling experience.

2011

Jenna Ferrieri just commissioned

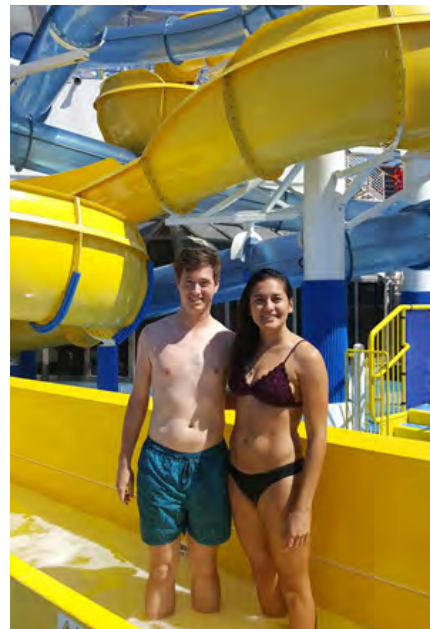
into the US Navy Reserves as an Oceanography Officer through the DCO Program. She'll continue her work for Leidos and will start drilling on weekends later this summer with longer ODS and METOC training schools on the horizon. She'll also be racing in TransPac this July as a coach onboard J/World's Cazan.

Mike Abbruscato just got engaged to his fiancée, Alison Martinette, on the steps of an abandoned marina. It was poetic.

Hampton Dixon is now well into his third year at Carnival Cruise Line managing refurbishment projects. The work is fast-paced and always changing -- and of course, FUN.



The Class of 2009 celebrating their 10-year anniversary at Fishs Eddy, NY



Bree Louie '17 and Hampton after testing the water slides on Carnival Sunrise

Richard Kim is wrapping up his MBA program at INSEAD in Fontainebleau, and is looking forward to his wedding in Korea this fall!

2013

Don Rickerson, **Jon Soja**, and **Roland DeMarco** studied together through the 2017 SNAME Professional Engineering Review Course. And all three of us earned a Professional Engineering license. After over a decade of building and designing nuclear-powered warships, I left Newport News Shipbuilding for a naval architecture position at Chesapeake Shipbuilding. Now I'm building and designing small passenger cruise ships in Salisbury, MD alongside **Roy Sarrafian '04**.

Erica and I are still happily married ('til death do us part). Our son Don "Levi" Rickerson IV is three years old, and he starts preschool this fall. Erica is pregnant again!!! With God's grace, Levi will become a big brother this summer!

Justin van Emmerik: I'm settling into



cohousing in Seattle and transitioning from Nordic skiing to cycling for the spring. This summer I might find the limits of my chafing tolerance on an R2AK team with **Satchel Douglas '14**. My work at Vigor is focused on a ferry construction program and building out a project management framework.

Doug Zangre earned his PE license last year. He and his wife **Samantha Griswold '14** recently bought a boat for PNW cruising.

Kierstin Del Valle Lachtman joined the Liberian Shipowners' Council in February as Secretary General!

Bryce Bartling: I am still working at ExxonMobil and have been the Fuels Value Chain Inventory Advisor for a few years. I'm looking forward to moving to a new role soon. Outside of work, I'm settled in as a Texan - smoking meats, BBQ-ing, and riding my motorcycle...no cowboy boots or pick-up truck yet...yet. To make sure my blood hasn't completely thinned, I make annual trips to Breckenridge, CO for some skiing and snowboarding.

Roxanne Schacht: I celebrated five years with the acoustic signatures department of APS in Groton, CT. Chris and I bought our first home last year and will be getting married this summer!

Roland De Marco: I am still working in marine salvage, now as a Senior Naval Architect with Ardent in Houston. Since earning my pilots license in 2017, I have been continuing to earn more advanced aeronautical ratings. Currently I am in the process of trying to earn a flight training slot with the Air National Guard.

Mike LaRose: I am adjusting to my new life post-accident. I have joined a competitive sled hockey team, the

Long Island Roughriders. I competed in tournaments in New York, Chicago, Massachusetts, and Canada. I am studying to take the LSATs and hope to get into law school next year.

Dan Dwyer: I am living in Portsmouth, NH with my two favorite women: Deanna (7+ years of bliss!) and Brandy (a lab-pit mix). After a couple years working for AMSEC in NYC, I now work from my home office as a marine engineer for Curicta Technologies Corp primarily facilitating ballast water treatment system retrofits.

Sam Waterhouse is living aboard a 44ft motor boat on the Seattle ship canal, enjoying a one-mile kayak trip to work. Elliott Bay Design Group has been a great company to work for, and I'm enjoying designing new ferries and providing construction and life cycle support for a variety of vessel types. I've devoted my spare time to sailing and singing a cappella (#RestlessVocalBand).

Sean Murphy: Laura and I bought a house and moved to Savannah early last year, and are loving it! Work in marine surveying continues with lots of interesting cases from container collapses to fuel problems. I recently took over as head of our Southeast region. Laura started a business (PhizzWhizz Designs) about six months ago - copywriting and designing websites! We love and miss you all.

Gerardo Nixon is spending his time as a professional Siamese cat trainer, he's hopeful that in a few weeks his team will be able to perform a flawless 2:2:1 pyramid while yodeling. In his down time he does program management and engineering for the government in Silver Spring, MD.

Jon Soja is still working with DLBA as Director of Workboats after Gibbs and

Cox acquired the company last year. I have recently moved out to Virginia Beach to give the beach lifestyle a chance and still practice falling down with a beer league hockey team.

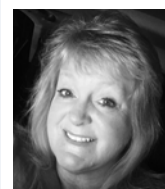
Marc Smith: I am continuing to surf, ski, and live in Newport while trying to squeeze in time working at Navatek. It is becoming increasingly difficult explaining to new people Webb "wasn't really that weird" now that Troy has moved to ME.

Troy Zangle: I recently moved up to Portland, ME to help Navatek open a new office that works closely with the University of Maine and Front Street Shipyards. I'm currently patiently awaiting the end of the ME winter and the beginning of the sailing and mountain biking seasons.

2018

The class is enjoying life on the other side so far! **Nick Husser** is starting his PhD program at Virginia Tech in August. **Tyler Gray-Hoehn** is living at home "doing manual labor." According to **Jon Hale**, **Brandon Louis** is getting closer and closer to his future calling of being a music star. **Vinnie Commisso** is emerging from his basement as the sun in Seattle is fighting through the season's overcast. **Panek** has enlisted with the Air Force, and will be in Monterey to prepare to be an Arabic Cryptologic Linguist.

Chris Johnson is living it up in Europe and lovin' it! On the side, he's picking up cycling - but his real passion is experiencing the lots of wonderful cheeses the old world offers.



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

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